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In the Western United States

June 1979

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Improving Education In The West

Project on Expanding Regional Cooperation In Graduate and Professional Education

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WICHE Improving Education In The West

New York and by WICHE state dues through its Student Exchange Program. eratively provide high-quality, cost-effective programs to meet the education and manpower needs of the West. WICHE's Project on Expanding Regional Cooperation in Graduate and year grant from the Carnegie Corporation of WICHE, the Western Interstate Commission for Higher Education, is a public regional organization. It helps the thirteen member states coop-Professional Education is supported by a two-

P.O. Drawer P

Boulder, Colorado 80302 June 1979

Inventory of Doctoral Programs In the Western United States

Published June 1979 Western Interstate Commission for Higher Education P.O. Drawer P

Boulder, Colorado 80302

Printed in United States of America

An Affirmative Action/ Equal Opportunity Employer 0121300000045000 1.2M:679:GD:WICHE:2A54

PROJECT ON EXPANDING REGIONAL COOPERATION IN GRADUATE AND PROFESSIONAL EDUCATION

the West by providing information about these programs in the region and establishing specific demonstration This Inventory is a publication of the WICHE Project on Expanding, Regional Cooperation in Graduate and The graduate education project is supported by a two-year grant from the Carnegie Corporation Professional Education. The project encourages resource sharing in graduate and professional education in projects in six western states. The project seeks to improve the effectiveness and efficiency of graduate education in the West by helping higher education decision makers to plan for the future from a regional of New York and by state dues through WICHE's Student Exchange Program. perspective.

PROJECT ON EXPANDING REGIONAL COOPERATION IN GRADUATE AND PROFESSIONAL EDUCATION

PROJECT ON EXPANDING REGIONAL COOPERALION IN GRADUALE AND PROFESSIO	ADVISORY COUNCIL AND DEMONSTRATION STATES COORDINATING COMM
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Department of Political Science Washington State University Deputy Coordinator William Chance

Academic Planning State of Idaho Board of Education

Deputy Director for

Clifford M. Trump

Washington State Council of

Postsecondary Education

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Executive Director, WICHE William R. McConnell, Phillip Sirotkin,

Norman S. Kaufman, Senior Staff Associate Lilla E. Engdahl, Staff Associate Barbara Krauth, Staff Associate

Richard W. Jonsen, Project Director

Project Staff

Director, Student Exchange Program

* Demonstration states in the project.

Oregon System of Higher Education

Roy Lieuallen

Chancellor Chancellor

ACKNOWL EDGEMENTS

Special appreciation is due these individuals who are too numerous to thank individually. We wish to acknowledge and thank the people who coordinated the distribution of the data collection instruments in This Inventory could not have been compiled without the assistance of the many individuals at western universities who served as contacts and cooperated in supplying and reviewing the information contained each state and who served as principal contacts for both WICHE and institutional respondents:

Susan W. Adams, The University of Wyoming
Keith Asplin, Colorado Commission on Higher Education
Horace Crandell, California Postsecondary Education Commission
Paul Dunham, The Montana University System
Thomas M. Healy, Alaska Commission on Postsecondary Education
Leon McCarrey, Utah State Board of Regents
Howard McKaughan, University of Hawaii at Manoa
William B. Phillips, Arizona Board of Regents
Robert E. Rhodes, New Mexico Board of Educational Finance
Miles C. Romney, Oregon State System of Higher Education
Alfred W. Stoess, University of Nevada System
Clifford M. Trump, State of Idaho Board of Education
Neil D. Uhlman, Washington Council for Postsecondary Education

INTRODUCTION

doctoral programs in the thirteen western states, along with brief narratives of program content and emphasis, The Inventory should also be useful to students or prospective students, college faculty, effort to provide information useful to persons in higher education at the institutional, governing-board, The Inventory contains a systematically-obtained list of The Inventory of Doctoral Programs in the Western United States represents another step in WICHE's and statistical data on student enrollment and the number of degrees awarded. placement or career planning. and counselors for and state levels.

Development of the Inventory

Final decisions concerning the format and content of the Inventory were made in June 1978 and initial data Development and field review of the *Inventory* format and proposed content began in February 1978. collection began in July.

Taxonomy was chosen because it represents a widely-used, uniform method for coding and reporting program-The programs inventoried are ordered according to the HEGIS Taxonomy (A Taxonomy of Instructional Programs in Higher Education, Washington, D.C.: National Center for Education Statistics, 1970). related information, especially enrollments and earned degrees conferred.

The HEGIS Taxonomy

that field, such as 0801--Education, or 0901--Engineering. However, the Taxonomy does encourage the grouping problem confronting the user of the au lpha conomy is that different institutions may classify essentially similar by its virtually universal acceptance and wide use by the higher education community. Perhaps the greatest Though the HEGIS ${\it Taxcnomy}$ has several limitations which should not be overlooked, these are outweighed education. Also, several institutions report all programs in a broad field under the general heading for programs under different discipline titles. This is especially true in the sciences, engineering, and of programs under a uniform set of headings as follows:

0100 AGRICULTURE and NATURAL RESOURCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. food and management of natural wildlife having to do with the production of plant, forest, and resources.

- Agronomy (field crops, and crop Agriculture, general management) 0102 0101
 - Soils science (management and conservation) 0103
 - Animal science (husbandry) Dairy science (husbandry)
 - Fish, game, and wildlife Poultry science 9010 0107
- Horticulture (fruit and vegetable management 0108
- (floriculture, nursery science) Ornamental horticulture Agricultural and farm 6010 0110

nanagement

- Agricultural economics Agricultural business 0112
- Natural resources management Food science and technology Forestry 0114
- technologies (baccalaureate and Agriculture and forestry higher programs)
 - Range management Other, specify

0200 ARCHITECTURE and ENVIRONMENTAL DESIGN

terize students, faculty, facilities, de-Subject field designations which charachaving to do with training for a progree programs, research projects, etc. fession in designing buildings, communities, parks, and other manmade aspects of the physiosocial environ-

Environmental design, general Architecture 0202 0201

Interior design

0203

European studies, general

Middle Eastern studies

0309

Eastern European studies

- City, community, and regional Landscape architecture Urban architecture 0205 9070
 - Other, specify planning 0299

0300 AREA STUDIES

terize students, faculty, facilities, de-Subject field designations which characgree programs, research projects, etc. having to do with programs designed to study cultures indigenous to specific geographic regions.

- South Asian (India, etc.) studies Southeast Asian studies Asian studies, general East Asian studies African studies 0304 0305
 - Russian and Slavic studies Latin American studies Islamic studies 0306 0307
- Zoology, general animal 0407

Pacific area studies American studies 0313 0314

West European studies

Other, specify

0400 BIOLOGICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. phenomena especially with regard to having to do with the science of life or living matter in all its forms and the origin, growth, reproduction, and structure of life forms.

- Plant pharmacology Plant physiology Plant pathology Biology, general Botany, general Bacteriology 0403 0404 9040 0405
- Pathology, human and animal Pharmacology, human and

	Biochemistry Biophysics	0517 Business economics 0599 Other, specify	tuti	tutions and subjects relat tion and services both outside of such formal o
0416 Mo	Molecular biology Cell biology (cytology, cell	0600 COMMUNICATIONS	0801	Education, general
ph ph	physiology)	Subject field designations which charac-	0802	Elementary education
	Marine blology Biometrics and biostatistics	terize students, faculty, facilities, de-	0804	Junior high school
		gree programs, research projects, etc.	0805	Higher education, g
0421 En	Entomology	related to collection, preparation, and presentation of ideas and information	9080	Junior and commun
	Geneucs	intended for bobular consumption	0807	Adult and continuin
	Nutrition, scientific (excludes	- 2	0808	Special education, a
	nutrition in home economics and		6080	Administration of sp
	dietetics)	0601 Communications, general		education
	Neurosciences	0602 Journalism (printed media)	0810	Education of the m
0426 10	Loxicology	1		retarded
	Embryology Other, specify		0813	Education of the de
		videotape, films, etc., oriented	0813	Education of the cu
		specifically toward radio/		disadvantaged
ö	0500 BUSINESS and	television) 0699 Other, specify	0814	Education of the vi
0.1:1.1	the state of the s		0815	Speech correction
Subject la	ted designations which character		0816	Education of the en
gree pr	gree programs, research projects, etc.	0700 COMPUTER and	0017	disturbed Demodial education
related	related to the organization, operation,	INFORMATION SCIENCES	0010	Crecial learning die
admini	administration, and control of private	Subject field designations which charac-	0819	Education of the ph
and pur	public organizations.	crize students, jacuity, jacuities, ae-		handicapped
0501 Bu	Business and commerce, general	projects, etc. having to do with the	0850	Education of the m
1	Accounting	design, development, and application	1000	handicapped
	Business statistics	of computer capabilities to data stor-	1280	philosophy of educa
0504 Ba	Banking and finance	age and manipulation and related	0822	Educational psychol
	Rusiness management and	computational proceautes.		learning theory)
	administration	0701 Computer and information	0823	Pre-elementary educ
	Operations research			(kindergarten)
D208 H	Hotel and restaurant	0702 Information sciences and systems	0824	Educational statistic
				research
	Marketing and purchasing		0852	Educational testing,
1 0100	Transportation and public	0705 Systems analysis	OROR	Student personnel
	Real estate	0/33 Ories, special		and guidance)
	Insurance		0827	Educational admini
	International business	0800 EDUCATION	0828	Educational supervi
0514 Se	Secretarial studies (baccalaureate and higher programs)	Subject field designations which charac-	0829	Curnculum and ins Reading education
		terize students, faculty, facilities, de-		the state of the s

io on un	and control 0831 Art education (methodology and ons and insti- theory) and instruc- theory) Music education (methodology	0833	0834	lu de la constante de la const	education 0835 Physical education	0837	llege	0838	distributive education	eneral 0839 Industrial arts, vocational, and	6680			af	Iturally Subject field designations which charac-			having to do with the practical appli-	cation of basic scientific knowledge to			ronment.	1000			and 0903	tion) 0904 Architectural engineering	COCO	9060	petroleum refining)	0807	0908 Civil construction and	evaluation	6060		0160	1911 Geological engineering	0100
outsi ou	ed to administration an lucational organizations	and services both wide of such formal orga	Education, general	Elementary education, general	Junior high school edu	Higher education, general	Junior and community college	education	Adult and continuing e	Administration of specia	education	Education of the mentally	retarded	Education of the deaf	Education of the culturally	disadvantaged	Education of the visually	handicapped	Speech correction	Education of the emoti	Remedial education	Special learning disabilities	Education of the physically	handicapped	bandiganad	Social foundations (history	philosophy of education)	Educational psychology (include	learning theory)	(kindergarten)	Educational statistics and	research	60		nnel	and guidance)	Four-stional sumerision	EULICATIONE SUPPLY TOTAL
	relat of ed	tion	1080	0802	0804	0805	9080		0807	08080	5000	0810	0011	0812	0813		0814		0815	08180	0817	0818	6180	0000	0290	0821		0822	0803		0824		0825		0826	7000	0000	0700

Metallurgical engineering	
Me	2
0914 N	
0	0

Ceramic engineering

Textile engineering 0917

Mining and mineral engineering 0918 0919

Nuclear engineering Engineering physics 0920

Environmental and sanitary Engineering mechanics engineering 0922

Naval architecture and marine Ocean engineering engineering 0923 0924

baccalaureate and higher Engineering technologies orograms) 0925

Other, specify 6660

1000 FINE and APPLIED ARTS

Subject field designations which charachaving to do with the creation and terize students, faculty, facilities, degree programs, research projects, etc. appreciation of the diverse modes of means of stylized, visual, and noncommunicating ideas and emotions by visual representations and symbols.

Art (painting, drawing, Fine arts, general sculpture)

Music (performing, composition, Art history and appreciation 003 004

Music history and appreciation Music (liberal arts program) theory 9001 005

Dramatic arts musicology) 1007 008

weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial Applied design (ceramics, 6001

Cinematography 1011

Other, specify Photography 6601

1100 FOREIGN LANGUAGES

terize students, faculty, facilities, dethan English or related to the study Subject field designations which characrelated to mastery of a language other of a foreign culture through exploragree programs, research projects, etc. tion of the literature of that culture as expressed in the vernacular lan-

(includes concentration on more without major emphasis on one 1101 Foreign languages, general than one foreign language anguage)

French

German talian 104

Spanish 1105

Russian 1106

Chinese 107

apanese 108

Latin

Greek, classical Hebrew

Indian (Asiatic) Arabic 1113

Slavic languages outher chan Scandinavian languages Russian

African languages (non-Semitic) Other, specify 91:1

1200 HEALTH PROFESSIONS

Subject field designations which characterize students, faculty, facilities, deand restoration of physical and mengree programs, research projects, etc. having to do with the maintenance tal health.

Heaith professions, general Hospital and health care 100 1202

Nursing (baccalaureate and higher programs) administration 1203

Dentistry, D.D.S. or D.M.D. 1204

Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.) 205

beyond first-professional degree, Medical specialties (work Medicine, M.D. degree

M.D.)

Occupational therapy Optometry

Osteopathic medicine, D.O.

Pharmacy

Dental hygiene (baccalaureate Physical therapy

and higher programs) Public health

Podiatry (Pod.D. or D. P.) or Medical record librarianship podiatric medicine (D.P.M.) 1216

Veterinary medicine (D.V.M. Biomedical communication

Speech pathology and audiology Veterinary medicine specialties work beyond first-professional degree, D.V.M.) 219

and psychiatric and specialized Clinical social work (medical rehabilitation services Chiropractic

Medical laboratory technologies baccalaureate and higher baccalaureate and higher Dental technologies programs) 1223 1224

baccalaureate and higher Radiologic technologies Other, specify programs) orograms)

1300 HOME ECONOMICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc.

having to do with the theory and practice of family and home care including the science of foods, home decoration and management, and child care.

Home decoration and home Home economics, general 1301 1302

Clothing and textiles equipment 1303

Consumer economics and home

1304

management

Foods and nutrition (include Family relations and child development 306 1305

Institutional management and cafetena management dietetics)

Other, specify 1399

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the legal customs, practices, and rules of

1400 LAW

society and states for the purpose of

pursuing a career in jurisprudence.

1499 Other, specify Law, general

1500 LETTERS

Subject field designations which characterize students, faculty, facilities, dehaving to do with English language gree programs, research projects, etc. and literature and value systems related to ancient and modern cultures.

Literature, English English, general

Comparative literature Classics 1503

Linguistics (include phonetics, emantics, and philology)

and forensic	public public	
pur	and	
debate,	(rhetoric and public	
Speech,	science	addrage
909		

Creative writing 507

Teaching of English as a foreign 508

anguage

Religious studies (exclude Philosophy 1510 1509

Other, specify 1599

theological professions)

LIBRARY SCIENCE

ize collections of books and related having to do with instruction in the professional skills required to organ-Subject field designations which characterize students, faculty, facilities, degree programs, rescarch projects, etc. materials and the training necessary for providing services related to them.

Library science, general Other, specify 1699

MATHEMATICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of numbers and space configurations and their operations, measurement, relationships, and abstractions.

Statistics, mathematical and Mathematics, general theoretical 1702

Applied mathematics Other, specify 1703

MILITARY SCIENCES 1300

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with techniques and

skills unique to the pursuit of a professional career as a military officer.

Naval science (Navy, Marines) Military science (Army) 802 801

Aerospace science (Air Force) 1803

Other, specify 1899

1900 PHYSICAL SCIENCES

terize students, faculty, facilities, dehaving to do with the basic nature of matter, energy, and associated phe-Subject field designations which characgree programs, research projects, etc. nomena.

Physics, general (exclude Physical sciences, general 1902 1061

biophysics)

Molecular physics Nuclear physics 904 1903

Chemistry, general (exclude biochemistry) 905

Inorganic chemistry Organic chemistry 906 907

Analytical chemistry Physical chemistry 908 606

Pharmaceutical chemistry Astronomy 910

Atmospheric sciences and meteorology 911 912 913

Astrophysics

Geochemistry Geology 914 915

Geophysics and seismology Earth sciences, general Paleontology 918 916 917

Oceanography Other, specify Metallurgy 920

2000 PSYCHOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with behavioral and mental processes.

Psychology, general	Experimental psychology	(animal and human)	Clinical psychology	'sychology for counseling	Social psychology	Psychometrics	Statistics in psychology	Industrial psychology	Developmental psychology	Physiological psychology	Other, specify
2001	2002		2003	2004	2005	5006	2007	2008	2009	2010	5099

2100 PUBLIC AFFAIRS and SERVICES

terize students, faculty, facilities, de-Subject field designations which characgree programs, research projects, etc. related to developing and improving competencies in the management and operation of governmental agencies.

Community services, general Public administration Parks and recreation 2103 102

management 2104

Social work and helping services law enforcement and corrections other than clinical social work) 2105

baccalaureate and higher

other than diplomatic service) International public service Other, specify programs) 2199 2106

2200 SOCIAL SCIENCES

having to do with all aspects of the Subject field designations which characterize students, faculty, facilities, depast and present activities, conduct, interactions, and organizations of hugree programs, research projects, etc. mans.

Social sciences, general Anthropology 2201 2202 2203

Archaeology

American Indian cultural studies Political science and government Afro-American (black culture) Mexican-American cultural International relations Urban studies Other, specify Demography Criminology Geography Economics Sociology History studies studies 2213 2208

2300 THEOLOGY

terize students, faculty, facilities, de-Subject field designations which characgree programs, research projects, etc. related to preparation and training for a religious vocation.

Theological professions, general Biblical languages Religious music 2301 2302 2303

Religious education 2399

Other, specify

4900 INTERDISCIPLINARY STUDIES

terize students, faculty, facilities, de-Subject field designations which characgree programs, research projects, etc. involving more than one major discipline without primary concentration in any one area.

Engineering and other disciplines General liberal arts and sciences Biological and physical sciences Humanities and social sciences 1901 1902 1903

Other, specify 4904 4999

Program Data and Descriptions

Program data and descriptions were obtained from institutions and from statewide coordinating agencies. processed by WICHE, These corrected data appear assisted in A staff member at the coordinating agency in twelve of the thirteen states assisted in distributing data collection forms to each institution in that state, and a staff member in all thirteen states After the data and program descriptions were received and to the states and institutions for review and corrections. reviewing the data collected. they were returned in this document.

Using the Inventory

Programs are arrayed in the order The Inventory is divided into two sections. The first section is a simple program index that lists The second section adds the Taxonomy beginning with 0101 (Agriculture) and ending with 4999 (Interdisciplinary Studies). each program and institution in subject order according to the HEGIS Taxonomy. statistical information on each program and a brief program description.

this question does not imply that new students are not being admitted, but that the program will not increase institution; master's and doctoral degrees conferred; graduate enrollment; and information on whether the its total enrollment and that new students will be admitted only as vacancies occur due to graduation or a ceiling on enrollment and whether that limit has been reached. An affirmative response section two, the entry for each program contains the HEGIS code; the name of the program and program has

Also, in fields such as education and engineering, programs listed under 0801--Education and 0901--Engineering may include information about specific fields which are listed under specific subject areas in the Inventory. advised to consult listings in cognate disciplines in order to discover all programs of potential interest. No taxonomic scheme can avoid all overlaps. When seeking information on programs in a specific field or Because different institutions classify similar programs under different categories, the user is discipline, therefore, the user should consider alternative listings.

The data state, institutional, and individual levels. The data contained herein may not be complete enough for all The intent of this Inventory is to increase the amount of information available for planning at the have been reviewed by representatives of each institution and each of the thirteen western states. However, they should be useful as a beginning point for more extensive investigation. errors in this *Inventory* are the responsibility of WICHE.

WICHE will revise and update this Inventory every fall and will distribute the revised version in January of each year, beginning in 1980.

Please address questions or comments to:

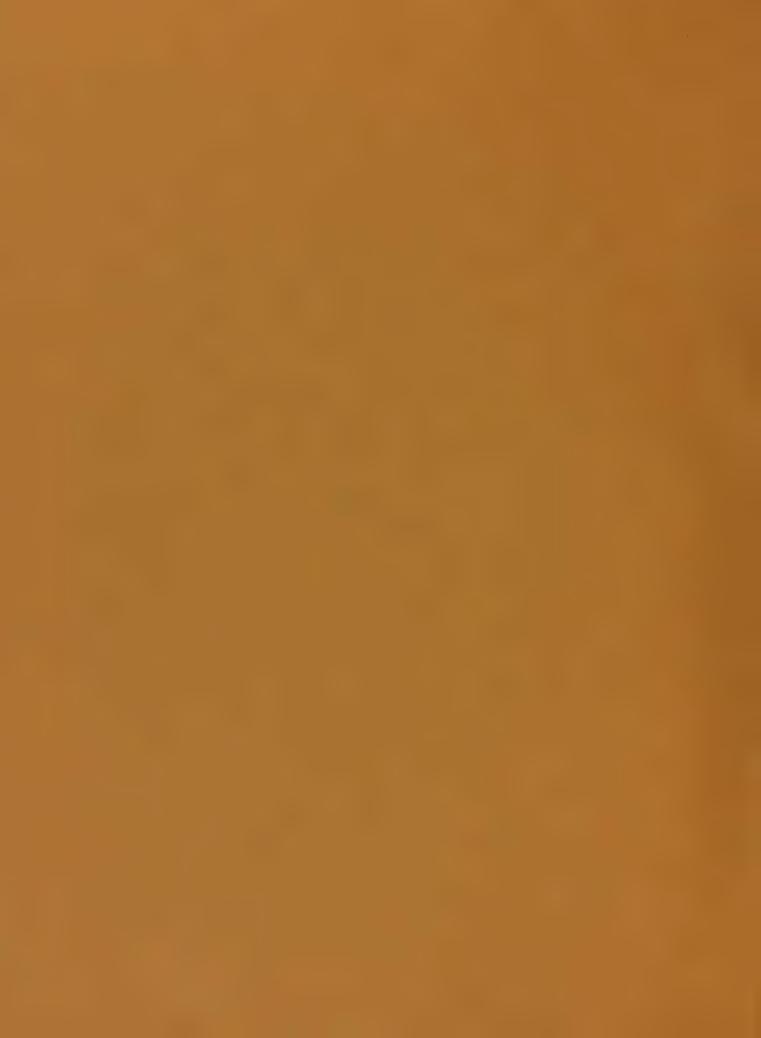
Norman Kaufman Senior Staff Associate Project on Expanding Regional Cooperation in Graduate and Professional Education WICHE, P.O. Drawer P Boulder, Colorado 80302

Phone: (303) 492-6888

Ask for the Inventory of Doctoral Programs in the Western United States: Additional copies of this document are available at a cost of \$2.50 each (prepaid) from WICHE's Publications Secretary.

PART I

DOCTORAL PROGRAM INDEX



PROGRAM THOFK TO WICHE THIVEHITORY OF NOCTOBAL DECREE DROGRAMS IN THE WESTERN HAITED STATES

PROGRAM

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTFRN UNITED STATES

HEGIS CONE	PROGPAM	STATE	INSTITUTION	PROGRAMS
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1110	AGRICULTURE ECONOMICS	CALIFORNTA COLOPADO HAWATI MONTANA OPFGON WASHINGTON	STANFORD UNIVERSITY U OF CAL BERKELFY U OF CAL DAVIS COLOPADO STATE UNIVERSITY U OF HAWAIT AT MANOA MONTANA STATE UNIVERSITY ORFGON STATE UNIVERSITY WASHINGTON ST UNIVERSITY	
0111				Œ
E # [C	FOOD SCIENCE	OPFGON UTAH WASHINGTON	OPEGON STATE UNIVERSITY UTAH STATE UNIVERSITY WASHINGTON ST UNIVERSITY	
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0114	FORESTRY	COLORADO COLORADO IDAHO MONTANA OPFGON UTAH	U OF CAL BERKELEY COLORADO STATE UNIVERSITY UNIVERSITY OF IDAHO UNIVERSITY OF MONTANA ORFGON STATE UNIVERSITY UTAH STATE UNIVERSITY UNIVERSITY OF WASHINGTON	
0114				7
0115	RESOURCES MANAGEMENT	CALIFORNIA	U OF CAL BFRKELEY UTAH STATE UNIVERSITY	
0115				~
0116	AGRICULTURE AND FORESTRY	CALIFORNIA	U OF CAL BERKELFY	
0116				-
7117	RANGE MANAGEMENT	APIZONA COLORADO ORFGON UTAH WYOMING	UNIVERSITY OF ARIZONA COLORADO STATE UNIVERSITY ORFGON STATE UNIVERSITY UNIVERSITY UNIVERSITY OF WYOMING	
0117				S
0150	PLANT SCIENCE	IDAHO	UNIVERSITY OF IDAHO UTAH STATE UNIVERSITY	
0150				^
2210	FISHFRIFS	WASHINGTON	UNIVERSITY OF WASHINGTON	

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DECREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS	1			ır		-			6		1		m		٨		-		1		1		m
INSTITUTION		U OF ALACKA FAJPBANKS HINTVFRSTTY OF ARIZONA U OF CAL BFRKELFY	UNIVERSITY OF WYOMING		U OF CAL REPKELFY		U OF CAL BERKELFY U OF SOUTHERN CALTFORNIA	UNIVERSITY OF WASHINGTON		U OF CAL LOS ANGELES		UNIVERSITY OF APIZONA U OF CAL BFRKELEY CAL INST OF ASIAN STUDIFS		U OF CAL BERKELEY CAL INST OF ASIAN STUDIFS		U OF CAL LOS ANGELES		U OF CAL REPKFLEY		U OF CAL BERKELFY		U OF HAWAIT AT MANDA U OF NM MATH CAMPUS WASHINGTON ST UNIVERSITY	
STATE		AP TZONA CAL IFORNTA	WYOMING		CALIFORNIA		CAL IFORNIA	WASHINGTON		CALIFORNIA		ARTZONA CAL IFORNTA		CAI TEORNTA		CAL IFORNIA		CAL IFOPNIA		CALIFORNIA		HAWATI NFW MFXTCO WASHINGTON	
PROGRAM		OTHER AGRICULTURE			ARCHITECTURE		IIRBAN PLANNTNG			OTHER FNVIR DESTON		ASTAN STUDIFS		SOUTHFAST ASIAN STUDIES		TSLAMIC STUDIES		LATIN AMFRICAN STUDIFS		MIDDLE FASTERN STUDIES		AMERICAN STUDIFS	
HEGIS CONE	0175	9910		0610	2020	2020	9020		9020	6660	6660	1961	1050	7060	4010	9080	9050	BOFO	8050	6010	6010	0313	6313

DROGRAM TNDFX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS		1							22						16	
NOTTHITINI	U OF CAL LOS ANGELES		U OF ALASKA FATRBANKS NORTHFRN ABIZ UNIVERSITY UNIVERSITY OF APIZONA	CAL INST OF TECHNOLOGY LOMA LINDA UNIVERSITY STANFORD UNIVERSITY U OF CAL INVINE U OF CAL LOS ANGELES U OF CAL SAN DIFGO	U OF CAL SANTA BAPBARA U OF CAL SANTA CRUZ U OF SOUTHERN CALTEORNIA U OF NORTHERN COLORADO	UNIVERSITY OF COLORADO IDAMO STATE UNIVERSITY U OF NEVADA RENO	NM STATE () MAIN CAMPUS () OF NM MAIN CAMPUS	U OF OREGON MAIN CAMPUS UNIVERSITY OF UTAH UTAH STATE UNIVERSITY		ARIZONA STATE UNIVERSITY UNIVERSITY OF APIZONA CLAPEMONT GRADUATE SCHOOL U OF CAL BERKELFY U OF CAL DAVIS	COLORADO STATE UNIVERSITY U OF HAWAIT AT MANOA UNIVERSITY OF IDAHO	MONTANA STATE UNIVERSITY UNIVERSITY OF MONTANA	RRIGHAM YOUNG U MAIN CAM	WASHINGTON ST UNIVERSITY UNIVERSITY OF WYOMING		U OF CAL BEPKELFY UNIVERSITY OF TOAHO WASHINGTON ST UNIVERSITY
STATE	CALIFOPNIA		AL ASKA APIZONA	CALIFORNIA	COI. ORADO	IOAHO	NEW MEXICO	ORFGON		ARITONA CALIFORNIA	COLORADO HAWAII IDAHO	MONTANA	UTAH	MYOMING		CALIFORNIA IDAHO WASHINGTON
PROGRAM	OTHER APFA STUDIES		PIOLOGY							ROTANY						BACTERIOLOGY
HEGIS CODE	6610	6610	0401						0401	0402					0405	0403

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTFRN UNITED STATES

PROGRAMS	e		7		m	~ ∝	
INSTITUTION		UNIVERSITY OF ARIZONA U OF CAL BERKELEY U OF CAL DAVIS U OF CAL RIVERSIDE MONTANA STATE UNIVERSITY WASHINGTON ST UNIVERSITY UNIVERSITY OF WYOMING		U OF CAL BERKELEY U OF CAL DAVIS U OF CAL RIVERSIDE		UNIVERSITY OF APIZONA UNIVERSITY OF APIZONA UNF CAL DAVIS COLOPADO STATE UNIVERSITY UNIVERSITY OF IDAHO MONTANA STATE UNIVERSITY UNIVERSITY OF IDAHO MONTANA STATE UNIVERSITY UNIVERSITY OF WASHINGTON WASHINGTON STATE UNIVERSITY UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY UNIVERSITY OF WYOMING UNIVERSITY OF COLORADO UNIVERSITY OF COLORADO UNIVERSITY OF COLORADO UNIVERSITY OF UTAH	UNIVERSITY OF ARIZONA LOWA LINDA UNIVERSITY STANFORD UNIVERSITY U OF CAL IDVINE U OF CAL LOS ANGELES U CAL SAN FRISCO WEDL CTR
STATE		APITONA CALIFORNIA MONTANA WASHINGTON		CALJFORNTA		CALIFORNTA COLORADO HAWAII IDAHO MONTANA ORFGON UTAH WASHINGTON CALIFORNTA COLORADO ORFGON UTAH WASHINGTON	ARIZONA CALIFORNIA
MAGORA		PLANT PATHOLOGY		PLANT PHYSIALOGY		700LOGY GENERAL	PHARMACOLOGY
HEGIS CONE	0403	7040	7076	9040	0406	0407	6040

DROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS		-		14	CC CC	
INSTITUTION	UNIVERSITY OF THE PACIFIC UNIVERSITY OF COLORADO U OF HAWAIT AT MANOA U OF OREGON HLTH SCI CTR UNIVERSITY OF WASHINGTON		U OF ALASKA FAJRBANKS UNIVERSITY OF ARIZONA LOMA LINDA UNIVERSITY STANFORD UNIVERSITY U OF CAL BFRKELFY U OF CAL DAVIS U OF CAL LOS ANGELES U OF SOUTHEN CALIFORNIA COLORADO STATE UNIVERSITY U OF HAWAII AT MANOA U OF OREGON HLTH SCI CTR UNIVERSITY OF UTAH		UNIVERSITY OF ARIZONA LOMA LINDA UNIVERSITY STANFORD UNIVERSITY U OF CAL DAVIS U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAU LOS ANGELES U OF CAU LOS ANGELES U OF SOUTHERN CALIFORNIA COLODADO STATE UNIVERSITY UNIVERSITY OF MONTANA ONFGON STATE UNIVERSITY U OF OREGON HLTH SCI CTR BRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON	CAL
STATE	CAL IFORWIA COLORADO HAWAII OPFGON UTAH WASHINGTON		AL ASKA APIZONA CAL IFORNTA CAL ORADO HAWAII OPFGON UTAH		APITONA CALIFORNIA HAWAII MONTANA OPFGON UTAH WASHINGTON APITONA CALIFORNIA	
PROGRAM	PHARMACOL OGY		PHYSIOLOGY		MICRORIOLOGY	
HEGIS CONE	0400	9040	0410	0410	0411	

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS		13						25		-		7	
INSTITUTION	U CAL SAN FRISCO MENL CTR U OF SOUTHERN CALIFORNIA COLORADO STATE UNIVERSITY UNIVERSITY OF COLORADO U OF OREGON HLTH SCT CTR UNIVERSITY OF UTAH		UNIVERSITY OF ARIZONA LOMA LINDA UNIVERSITY STANFORD UNIVERSITY U OF CAL BERKELFY	U OF CAL DAVIS U OF CAL LOS ANGELES U OF CAL RIVERSIDF U CAL SAN FRISCO MEDL CTR U OF SOUTHERN CALIFORNIA	COLORADO STATE UNIVERSITY UNIVERSITY OF COLORADO U OF HAWAIT AT MANOA	UNIVERSITY OF INAHO MONTANA STATE UNIVERSITY U OF NEVADA RENO OREGON STATE UNIVERSITY U OF OREGON HLTH SCI CTR	UNIVERSITY OF UTAH UTAH STATE UNIVERSITY UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY UNIVERSITY OF WYOMING		STANFORD UNIVERSITY U OF CAL BERKELFY U OF CAL DAVIS U CAL SAN FRISCO MEDL CTR UNIVERSITY OF COLORADO U OF HAWATT AT MANOA UNIVERSITY OF UTAH		UNIVERSITY OF ARIZONA U OF CAL BFRKELFY U OF CAL LOS ANGELES UNIVERSITY OF COLORADO		UNIVERSITY OF ARITONA
STATE	COLORADO COLORADO OPEGON UTAH WASHINGTON		APTZONA CAL IFOPNTA		COLORADO	IDAHO MONTANA NFVADA OPFGON	UTAH WASHINGTON WYOMING		CAL JEODNTA CAL ORADO HAWALI UTAH		APT70NA CAL IFOPNTA COLOPADO		ARIZONA
PROGRAM	ANATOMY.		R10CHFM1STPY						RIOPHYSICS		MOLFCULAP RIOLOGY		CFLL BIOLOGY
HEGIS CODE	0412	0412	0414					0414	0415	0415	0416	0416	0417

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN HAITED STATES

PROGRAMS		~		'n		e,		10		12	-	
NOTITUTION	U OF SOUTHERN CALIFORNIA		U OF CAL BFRKELFY U OF CAL LOS ANGELES U OF SOUTHFRN CALIFORNIA U OF HAWAIT AT MANOA UNIVERSITY OF WASHINGTON		UNIVERSITY OF ARIZONA SAN DIEGO STATE U		UNIVERSITY OF ARIZONA U OF CAL BAVIS U OF CAL DAVIS U OF CAL RIVERSIDE U OF HAWAIT AT MANOA UNIVERSITY OF IDAHO MONTANA STATE UNIVERSITY ORFGON STATE UNIVERSITY WASHINGTON ST UNIVERSITY UNIVERSITY OF WYOMING		UNIVERSITY OF ARIZONA SAN DIEGO CIATE U STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL DAVIS U OF CAL RIVERSIDE U OF HAWAIT AT MANOA MONTANA STATE UNIVERSITY U OF ORFGON HLH SCI CTR UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY	COLOPADO STATE UNIVERSITY	UNIVERSITY OF ARIZONA U OF CAL REPRELEY	WASHINGTON ST UNIVERSITY
STATE	CALIFORNIA		CALIFORNIA HAWAII WASHINGTON		APIZONA CALIFORNIA		APJZONA CALIFORNIA HAWAIJ IDAHO MONTANA OPFGON WASHINGTON		APITONA CALIFORNTA HAWAII MONTANA OPEGON WASHINGTON	COLORADO	APT7ONA CALIFORNIA	MASHINGTON
PROGRAM	CELL BIOLOGY		910METRICS		FCOLOGY		FNTOMOLOGY		STNET TO A	PADIORIOLOGY	NUTRITION	
HEGIS CODE	0417	0417	0419	0419	0450	0420	0421	0421	C C C C C C C C C C C C C C C C C C C	0422	0423	

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS	e		4				-		1		_				-			10		(*)
NOTITUTION		STANFORD UNIVERSITY U OF CAL LOS ANGELES U OF CAL SAN DIFGO U CAI SAN FRISCO MEDL CTR		UTAH STATE UNIVERSITY		U OF HAWAIT AT MANDA		U OF SOUTHERN CALIFORNIA		UNIVERSITY OF WASHINGTON		U OF CAL DAVIS		U OF CAL DAVIS			U CAL SAN FRISCO MEDL CTR U OF HAWAIT AT MANDA MONTANA STATE UNIVERSITY UNIVERSITY OF UTAH WASHINGTON ST UNIVERSITY		UNIVERSITY OF ARIZONA UNIVERSITY OF SANTA CLARA U OF SOUTHERN CALIFORNIA	
STATE		CAL IFORNTA		ОТАН		HAWAII		CAI TEOPNTA		WASHINGTON		CALIFORNIA		CAL IFORNIA		CALTFORNTA	HDWAII MONTANA UTAH WASHINGTON		APTZONA CAL IFOPNTA	
PROGRAM		NFUROSCIENCES		TOXICOLOGY		EMARYOLOGY		CFLLULAR & MOLECULLAR RIOLOGY		PHYSTOLOGY AND RIDPHYSICS		PHARMACOLOGY & TOXICOLOGY		FNDOCRINOLOGY		OTHER RIOLOGY			RUSTNFSS	
HEGIS CODE	9290	0425	0425	9270	9250	0427	1627	042A	0428	9475	0475	1690	1640	8670	8670	6670		6670	0501	0501

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS		~:		~		~				13		1		~		-		4	
INSTITUTION	U OF SOUTHERN CALIFORNIA U OF ORFIGON MAIN CAMPUS		U OF SOUTHERN CALIFORNIA UNIVERSITY OF WYOMING		U OF SOUTHERN CALIFORNIA U OF OREGON MAIN CAMPUS		ARIZONA STATE UNIVERSITY CLARFMONT GRADUATE SCHOOL GOLDFN GATE UNIVERSITY	STANFORD UNIVERSITY STANFORD UNIVERSITY U OF CAL BERKELFY U OF CAL LOS ANGELES			STANFORD UNIVERSITY		U OF SOUTHERN CALIFORNIA U OF OREGON MAIN CAMPUS		U OF ORFGON MAIN CAMPUS		CLARFWONT GRADUATE SCHOOL U OF SOUTHERN CALIFORNIA COLORADO SCHOOL OF MINES HINTVERSITY OF WYOMING		STANFOOD UNIVERSITY U OF SOUTHERN CALIFORNIA
STATE	CAL IFORNTA OPFGON		CAL TFORNIA WYOMING		CAL IFORNIA OPFGON		ARIZONA CALIFORNIA		COLORADO NFW MEXICO LITAH WASHINGTON		CALIFORNIA		CAL IFORNTA OPFGON		OPFGON		CALIFORNIA		CALIFORNIA
PROGRAM	ACCOUNTING		RUSINFSS STATISTICS		BANKING AND FINANCE		RUSINFSS APMINISTRATION				OPERATIONS RESEARCH		MARKETING AND PURCHASING		PERSONNEL MANAGEMENT		RUSINFSS ECONOMICS		COMMUNICATIONS
HEGIS CODE	2050	2050	5050	0503	0504	0504	9050			9050	0507	1050	0200	0200	0515	9515	0517	0517	0401

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PROGRAMS		ľ		-		13		~	•	-	
INSTITUTION	UNIVERSITY OF COLORADO UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON		U OF SOUTHERN CALIFORNIA		UNIVERSITY OF ARIZONA STANFORM UNIVERSITY U OF CAL BENKELFY U OF CAL DAVIS U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL SAN DIEGO U OF SOUTHERN CALIFORNIA UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY		U OF CAL SANTA CRUZ		U CAL SAN FRISCO MEDL CTR		CAL STATF 11 LOS ANGFLES SAN FRANCISCO STATE U CLARFMONT GRADUATE SCHOOL STANFORD UNIVERSITY 11 OF CAL BERKELEY 11 OF CAL REVERSIDE 11 OF CAL RANTA RARBARA 11 OF CAL RANTA RARBARA 11 OF CAL SANTA RARBARA 11 OF CAL SANTA RARBARA 11 OF SOUTHERN CALIFORNIA UNIVERSITY OF THE PACIFIC UNIVERSITY OF OFNIVERSITY UNIVERSITY OF MONTANA 11 OF NM MATH CAMPUS ORFGON STATE UNIVERSITY UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY
STATE	COLOPADO UTAH WASHINGTON		CAI IFORNIA		APTZONA CALIFORNIA COLOPADO OPEGON UTAH WASHINGTON		CAL IFORNTA		CALIFORNIA		COL IFORNIA IDAHO MONTANA NFW MFXICO OPFGON UTAH WASHINGTON
MAGORA	COMMUNICATIONS		COMMUNICATION THEORY & RESECH		COMPUTER SCIENCES		INFORMATION SCIENCES		OTHER COMPUTER SCIENCES		FDUCATION
HEGIS CODE	0401	0601	0406	0606	0701	1070	2010	1070	9620	6670	1 0 8 0

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
1080	FOUCATION	NACMING	UNIVERSITY OF WYOMING	
1080				50
5080	FLEMENTARY EDUCATION	AP120NA	ARIZONA STATE UNIVERSITY	
		CAL TFORNTA	CLAREMONT GRADUATE SCHOOL	
		UTAH	UNIVERSITY OF COLORADO BRIGHAM YOUNG U MAIN CAM	
		MAOMING		
0802				7
5080	SECONDARY FOUCATION	ARTZONA	APIZONA STATE UNIVERSITY	
		CALIFORNIA	CLARFMONT GRADUATE SCHOOL	
		COLOPADO	INTVERSITY OF COLORADO	
		IDAHO	U OF NEVADA LAS VEGAS	
		ОТАН	RRIGHAM YOUNG U MAIN CAM	
		SNIMCY	UNIVERSITY OF WOMING	
0803				Œ.
0805	HIGHER EDUCATION	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFURNIA	U OF SOUTHERN CALIFORNIA	
		OPFGON	U OF OPFGON MATH CAMPUS	
2080				4
1080	CONTINUING FDUCATION	ARIZONA	ARIZONA STATE UNIVERSITY	
70A0				1
9080	SPECIAL EDUCATION	APTZONA CALTECONIA	UNIVERSITY OF ARIZONA	
		CALITORNIA		
		COLORADO	U OF SOUTHERN CALIFORNIA	
		NEVADA		
		UTAH	U OF OREGON MAIN CAMPOS UTAM STATE UNIVERSITY	
a				6 0
0000				
กลาร	SPEECH CORPECTION	APTZONA	UNIVERSITY OF ARITONA	
0815				1
1680	SOCIAL FOUNDATIONS	APIZONA CAL IFORNIA	UNIVERSITY OF ARIZONA CLAREMONT GRADUATE SCHOOL	

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PROGRAMS		σε		11		-		~							11			
NOTITUTION	UNIVERSITY OF COLORADO UNFRANTA AT MANDA UNFRANTI AT MANDA UNFREGON MAIN CAMPUS UNIVERSITY OF UTAH		APTONA STATE UNIVERSITY UNIVERSITY OF ARIZONA CLAPEMONT GRADUATE SCHOOL U OF SOUTHERN CALIFORNIA U OF NORTHERN CALIFORNIA U OF HAWAII AT MANOA U OF OREGON MAIN CAMPUS BRIGHAM YOUNG U MAIN CAM		U OF NORTHERN COLORADO		UNIVERSITY OF COLORADO		UNIVERSITY OF ARIZONA		UNIVERSITY OF COLORADO	U OF NEVADA LAS VEGAS	OREGON STATE UNIVERSITY	UNIVERSITY OF WYOMING		NORTHERN ANIZ UNIVERSITY	CLARFMONT GRADUATE SCHOOL	UNIVERSITY OF COLORADO
STATE	CAL TERRNTA COLORADO HAWAII OPFGON UTAH		APTZONA CALIFORNTA COLOPADO HAWATI OPEGON UTAH		COLORADO		COLOPADO		APIZONA	CAL IFORNIA	COLORADO	NEVADA NEW MEXTOO	OPFGON	WYOMING		AP170NA	CALIFORNIA	COLORADO
PROGRAM	SOCIAL FOUNDATIONS		FDUCATIONAL PSYCHOLOGY		PRE-ELFMENTARY		FDUCATIONAL STATISTICS		COUNSFLING AND GUIDANCE							FOUCATIONAL ADMINISTRATION		
HEGIS CONF	1680	1680	50 50 50 50 50 50 50 50 50 50 50 50 50 5	6680	0823	0923	7680	0824	0826						0826	1580		

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0827 EDUG	FOLICATIONAL ADMINISTRATION	SIAIC	NOTIONI	CHCCKAMO
	CATTONAL ADMINISTRATION			
		HAWAII NFVADA NFW MEXICO ORFGON UTAH	U OF HAWAJI AT MANDA U OF NEVADA LAS VEGAS NM STATE U MAIN CAMPUS OREGON STATE UNIVERSITY U OF OREGON MAIN CAMPUS RRIGHAM YOUNG U MAIN CAM UNIVERSITY OF WYOMING	
				15
	CURRICULUM AND INSTRUCTION	APTZONA CALIFORNTA COLORADO HAWAII NFVADA OPFGON UTAH WYOMING	NORTHERN ARIZ UNIVERSITY CLARFMONT GRADUATE SCHOOL II OF SOUTHERN CALIFORNIA II OF NORTHERN COLORADO UNIVERSITY OF COLORADO U OF HAWAIT AT MANOA U OF NEVADA LAS VEGAS NM STATE U MAIN CAMPUS U OF OREGON MAIN CAMPUS UTAH STATE UNIVERSITY OF WYOMING	
0429				11
0830 RFA	RFADING EDUCATION	APTZONA COLOBADO	UNIVERSITY OF ARIZONA U OF NORTHERN COLORADO UNIVERSITY OF COLORADO	
0830				m
NA31 ART	ART EDUCATION	OPFGON	U OF ORFGON MATH CAMPUS	
1680				-
0832 MIJSIC	IC EDUCATION	CAL TFORNTA COLORADO OPEGON	U OF SOUTHERN CALIFORNIA U OF NORTHERN COLORADO UNIVERSITY OF COLORADO U OF OREGON MAIN CAMPUS	
0832				7
DR33 MAT	MATHEMATICS EDUCATION	COLOPADO	U OF NORTHFRN COLORADO	
0833				1
0834 SCI	SCIENCE EDUCATION	COLORADO	U OF NORTHFRN COLORADO OREGON STATE UNIVERSITY	
7834				~
OR35 PHY	PHYSICAL ENUCATION	CAL IFORNTA COLORADO	U OF SOUTHERN CALIFORNIA U OF NOPTHERN COLORADO	

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

HEGIS CODE	MAGORD	STATE	INSTITUTION	PROGRAMS
0.835	PHYSICAL EDUCATION	OPFGON UTAH WASHINGTON	U OF ORFGON MAIN CAMPUS RRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH WASHINGTON ST UNIVERSITY	
0835				£
1837	HEALTH FDUCATION	OPEGON UTAH	U OF ORFGON MAIN CAMPUS UNIVERSITY OF UTAH	
7580				م
A5 A6	RUSINFSS EDUCATION	COLORADO OPFGON UTAH	U OF MORTHERN COLORADO ORFGAN STATE UNIVERSITY PRIGHAM YOUNG U MAIN CAM	
0838				m
NR39	VOCATIONAL EDUCATION	COLORADO	U OF NORTHERN COLORADO COLORADO STATE UNIVERSITY ORFGON STATE UNIVERSITY	
0839				m
1780	FDUCATIONAL INSTRUCTIONAL TECH	CAL IFORNTA	U OF SOUTHFRN CALIFORNIA	
0841				-
0899	OTHER FOUCATION	APIZONA	APIZONA STATE UNIVERSITY	
		COL ORADO		
6680				r
1060	FNGINFFRING	CALTFORNTA		
			U OF CAL LOS ANGELES	
		NFW MEXICO	U OF NW MATN CAMPUS	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
1060				æ
2000	AERONAUTICAL ENGINFFRING	APTZONA CAL IFOPNTA	UNIVERSITY OF ARIZONA CAL INST OF TECHNOLOGY	
		COLORADO	UNIVERSITY OF COLORADO	

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PROGRAMS		7		٣٦		¢		so en	
NOTITUTION	UNIVERSITY OF WASHINGTON		COLOGADO STATE UNIVERSITY UNIVERSITY OF IDAHO UTAH STATE UNIVERSITY		STANFORD UNIVERSITY U OF CAL DAVIS U OF CAL SAN DIFGO U OF SOUTHERN CALIFORNIA UNIVERSITY OF UTAH UNIVERSITY OF WYOWING		ARIZONA STATE UNIVERSITY	CAL TNST OF TECHNOLOGY STANFORD UNIVERSITY U OF CAL SANTA BARBARA U OF CAULAFRN CALTFORNIA COLODADO SCHOOL OF MINES UNIVERSITY OF COLORADO UNIVERSITY OF TOAHO WONTANA STATE UNIVERSITY ORFGON STATE UNIVERSITY ORFGON STATE UNIVERSITY ONIVERSITY OF WASHINGTON UNIVERSITY OF WASHINGTON COLORADO SCHOOL OF MINES UNIVERSITY OF ARIZONA CAL TNST OF TECHNOLOGY STANFORD UNIVERSITY UNIVERSITY OF ARIZONA CAL TNST OF TECHNOLOGY STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL BERKELEY U OF SOUTHERN CALIFORNIA COLORADO STATE UNIVERSITY	UNIVERSITY OF COLORADO
STATE	WASHINGTON		COLORADO IDAHO UTAH		CALIFORNIA UTAH WYOMING		ARIZONA	CALIFORNTA OPEGON UTAH WASHINGTON UTAH CALIFORNTA COLORADO COLORADO COLORADO	0140
PROGRAM	AERONAUTICAL FNGINEFRING		AGRICULTURAL FNG		a I DENGINFER I NG		CHFMICAL ENGINEFRING	PETROLEUM FNGINEERING CIVIL FNGINFERING	
HEGIS CODE	2060	2000	£000	6060	5000	5060	9060	7000 7000 8000	

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HEGIS CODE

900U

9000

PROGRAM	STATE	INSTITUTION	PROGRAMS
CIVIL FNGINFFBING	NFW MEXICO ODFIGN UTAH WASHINGTON	NM STATE U MAIN CAMPUS OPFGON STATE UNIVERSITY BRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH UTAH STATE UNIVERSITY UNIVERSITY OF WASHINGTON UNIVERSITY OF WYOMING	
			17
FLECTPICAL FNGINFEPING	APIZONA CAL IFORNIA	APIZONA STATE UNIVERSITY UNIVERSITY OF APIZONA CAL INST OF TECHNOLOGY STANFORD UNIVERSITY U OF CAL BEPKELEY U OF CAL SANTA PAPBARA	
	COLORADO HAWAII IDAMO MONTANA NFW MEXICO	UNIVERSITY OF SANTA CLARA UNIVERSITY OF COLORADO UNIVERSITY OF TOLORADO UNIVERSITY OF TOANOA UNIVERSITY OF TOANOA MONTANA STATE UNIVERSITY NM STATE U MAIN CAMPUS	
	WASHINGTON WYOMING	BRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON UNIVERSITY OF WASHINGTON	
			000
MECHANICAL FNGINFERING	APIZONA CALIFORNIA	ARITONA STATE UNIVERSITY UNIVERSITY OF ARIZONA CAL INST OF TECHNOLOGY STANFORD UNIVERSITY U OF CAL BERKELFY U OF CAL SANTA RARBARA U OF CAL SANTA RARBARA U OF CAL SANTA CALIFORNIA	
	COLOPADO I DAHO MONTANA NEW MEXICO	COLOBADO STATE UNIVERSITY UNIVERSITY OF COLORADO UNIVERSITY OF IDAHO MONTANA STATE UNIVERSITY NM STATE U MAIN CAMPUS	
	OPFSON	OPPEON STATE UNIVERSITY RRICHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH UTAH STATE UNIVERSITY	
	WASHINGTON	UNIVERSITY OF WASHINGTON UNIVERSITY OF WYOMING	

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PROGRAMS	19		m		1		ſ.		~		ෆ		-		w	^	
NOTITUTION		UNIVERSITY OF ARIZONA COLORADO SCHOOL OF MINES UNIVERSITY OF UTAH		COLOPADO SCHOOL OF MINES		STANFORD UNIVERSITY STANFORD UNIVERSITY U OF CAL BERKELEY U OF SOUTHERN STANFORNIA		COLOPADO SCHOOL OF MINES UNIVERSITY OF WASHINGTON		STANFORD UNIVERSITY U OF CAL BFRKELEY UNIVERSITY OF UTAH		UNIVERSITY OF WASHINGTON		UNIVERSITY OF ARIZONA COLORADO SCHOOL OF MINES UNIVERSITY OF IDAHO UNIVERSITY OF UTAH UNIVERSITY OF WYOWING		CAL TNST OF TECHNOLOGY U OF CAL SAN DIFGO	UNIVERSITY OF ARIZONA U OF CAL BERKELEY ORFGON STATE UNIVERSITY UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON
STATE		APTZONA COLOPADO UTAH		COLORADO		AP170NA CALIFORNIA	200	COLORADO WASHINGTON		CALIFORNTA		WASHINGTON		ARIZOMA COLORADO IDAHO UTAH WYOMING		CALIFORNIA	APIZONA CALIFORNIA OPFGON UTAH
PPOGRAM		GEOLOGICAL ENGINEEPING		GEOPHYSICAL ENGINEERING		INDUSTRIAL FNGINEERING		METALLURGICAL ENGINEFRING		MATERIALS ENGINEERING		CERAMIC FNGINFFBING		MINING FNGINEERING		FNGINFFPING PHYSICS	NUCLEAR ENGINFERING
HEGIS CODE	0010	1160	1160	1012	5160	0013	0913	0914	0914	0915	0015	1916	9160	α [ο c	A100 .	9190	0260

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PROGRAMS	S		4		-		1		1		-				4		_		-				æ	
INSTITUTION		UNIVERSITY OF ARIZONA CAL INST OF TECHNOLOGY STANFORD UNIVERSITY U OF CAL SAN DIFGO		CAL THST OF TECHNOLOGY		U OF CAL BEPRELFY		II OF HAWAIT AT MANOA		U OF SOUTHERN CALIFORNIA			UNIVERSITY OF ARIZONA	U OF CAL SAN DIEGO		UNIVERSITY OF JUDAISM		STAMFORD UNIVERSITY		U OF CAL PERKELFY U OF CAL LOS ANGELES U OF SOUTHERN CALIFORNIA	U OF NW MATH CAMPUS	UNIVERSITY OF WASHINGTON		UNIVERSITY OF ARIZONA STANFORD UNIVERSITY II OF SOUTHERN CALIFORNIA
STATE		AP170NA California		CALIFORNIA		CAL IFORNTA		HAWATI		CALIFORNIA		AP 170NA		CALIFORNIA		CAL FEORNTA		CALIFORNIA		CAL IFORNTA	NFW MEXICO	NOISNINSTER		ARTZONA CAL IFORNIA
PROGRAM		FNGINEEDING MECHANICS		FNVIRONMENTAL FNGINFFRING		MARINE FNGTNFERING		OCEAN FNGINEFRING		MATERIALS SCIENCE		OTHER ENGINEERING				FINE ARTS		PAINTING DRAWING SCULPTURE		ART HISTORY				MUSTC PFRFORMING
HFGIS CODE	0260	1260	1260	6660	2260	6260	6260	4660	9260	7660	7660	6660			0660	1001	1001	1002	2001	1003			1003	1004

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN INITED STATES

PROGRAMS		σ		ß		~		e		1		m	
NOTIUTIENI	UNIVERSITY OF COLORADO UNIVERSITY OF COLORADO U OF ORFGON MAIN CAMPUS RRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH		U OF CAL RFRKELFY U OF CAL LOS ANGELES U OF CAL SAN DIFGO U OF CAL SANTA BARBARA U OF SOUTHERN CALIFORNIA		UNIVERSITY OF COLORADO UNIVERSITY OF WASHINGTON		STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL DAVIS U OF CAL LOS ANGELES U OF CAL SANTA RARBARA UNIVERSITY OF DFNVER UNIVERSITY OF COLORADO U OF HAWAIT AT MANOA BRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH UNIVERSITY OF UTAH		U OF SOUTHERN CALIFORNIA		U OF HAWAIT AT MANDA U OF NM MAIN CAMPUS U OF OPFGON MAIN CAMPUS		UNIVERSITY OF ARIZONA CLARFMONT GRADUATE SCHOOL STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL DAVIS U OF CAL LOS ANGELES
STATE	COLORADO OPFGON UTAH WASHINGTON		CALTFORNTA		COLORADO		CALIFOPNIA CALORADO HAWAII UTAH WASHINGTON		CALIFORNIA		HAWAII NEW MEXICO OPEGON		ARIZONA CALIFORNIA
PROGRAM	MUSIC PERFORMING		MUSIC (LIBFRAL ARTS)		MUSIC HISTORY		DRAMATIC APTS		CINEMATOGRAPHY		FOREIGN LANGUAGES		FRENCH
HEGIS CODE	1004	1004	1005	1005	1006	1006	1007	1001	1010	1010	1011	1101	1102

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTFRN UNITED STATES

PROGRAMS		13		12		e 0		11	-	-	
NOTITUTION	U OF CAL BIVERSIDE U OF CAL SAN DIFGO U OF CAL SANTA RAPBARA U OF SOUTHERN CALIFORNIA UNIVERSITY OF COLORADO UNIVERSITY OF UTAM		STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL IDVINE U OF CAL IDVINE U OF CAL RIVERSIDE U OF CAL SAN DIFGO U OF CAL SANTA BARBARA U OF CAL SANTA CALIFORNIA U OF SOUTHERN CALIFORNIA UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON		STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL LOS ANGELES		ARIZONA STATE UNIVERSITY UNIVERSITY OF ARIZONA STANFORD UNIVERSITY U OF CAL DAVIS U OF CAL IDVINF U OF CAL SAN DIFGO U OF CAL SANTA RARBARA U OF CAL SANTA RARBARA U OF CAL SANTA RARBARA U OF SOUTHERN CALIFORNIA UNIVERSITY OF COLORADO		STANFOOD UNIVERSITY	STANFORD UNIVERSITY	STANFORD UNIVERSITY
STATE	CAL TFORNTA COLORADO UTAH		CALIFORNTA COLORADO OPFGON UTAH WASHINGTON		CAL JFORNJA		CAL IFORNIA COLORADO UTAH		CALIFORNIA	CALIFORNIA	CALIFORNIA
PROGRAM	H D L N L N L N L N L N L N L N L N L N L		RMAN.		ITALIAN		SPANISH		RUSSTAN	CHINESE	JAPANESE
HEGIS CODE	5011	1102	1103	1103	1104	1104	705	1105	1106	1107	1108

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS	-		~		4		1		1		¢		ហ		•		-		
NOTITUTION		U OF CAL BERKELEY UNIVERSITY OF WASHINGTON		STANFORD UNIVERSITY U OF CAL BERKELEY UNIVERSITY OF COLORADO UNIVERSITY OF WASHINGTON		UNIVERSITY OF WASHINGTON		UNIVERSITY OF WASHINGTON		STANFORD UNIVERSITY U OF CAL BFRKELEY U OF CAL LOS ANGELES U OF CAL SANTA BARBARA U OF OREGON MAIN CAMPUS UNIVERSITY OF UTAH		UNIVERSITY OF ARIZONA U CAL SAN FRISCO MEDL CTR UNIVERSITY OF COLORADO UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON		U OF SOUTHFRN CALIFORNIA		U OF CAL BERKELEY		UNIVERSITY OF ARIZONA U CAL SAN FRISCO MEDL CTR	UNIVERSITY OF COLORADO ORFGON STATE UNIVERSITY
STATE.		CAL IFORNTA WASHINGTON		CAL IFORNTA COLORADO WASHINGTON		WASHINGTON		WASHINGTON		CALIFORNIA OPEGON UTAH		APTZONA CALIFOPNIA COLORADO UTAH WASHINGTON		CALIFORNIA		CALIFORNIA		ARIZONA CAL IFORNIA	COLORADO
PROGRAM		SCANDINAVIAN		SLAVIC		ROMANCE LANG AND LITFRATURE		ASTAN LANG AND LITERATURE		OTHER FORETGN LANGUAGES		NURSING		DENTAL SPECIALTIFS		OPTOMETRY		PHAPMACY	
HEGIS CODE	1108	1114	1114	1115	1115	1182	1182	1192	1192	1199	1199	1203	1203	1205	1205	1209	1209	1151	

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HEGIS, CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
1151	рнафмасу	UTAH WASHINGTON	UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON ST UNIVERSITY	
1171				σc
1212	PHYSICAL THERAPY	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
1212				-
1214	PUBLIC HEALTH	CAL TFORMTA	LOMA LINDA UNIVERSITY U OF CAL RERKELEY	
		WASHINGTON		
1214				4
6161	VETERINARY MED SPECIALITIES	COLORADO	COLOPADO STATE UNIVERSITY WASHINGTON ST UNIVERSITY	
1219				٨
1220	SPEECH PATHOLOGY	CALIFORNIA		
		COLORADO	U CAL SAN FRISCO MEDL CTR	
		ORFGON	UNIVERSITY OF COLORADO U OF ORFGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON	
1220				7
1225	RADIOLOGIC TECHNOLOGIES	CAL IFORNIA	U OF CAL TRUINE	
1225				1
1299	OTHER HEALTH	CAL JFORNTA	U OF CAL LOS ANGELES	
		NEW MEXICO	IVERSITY OF THE PACE	
1299				4
1304	CONSUMER ECONOMICS	00F50N	OPEGON STATE UNIVERSITY	
1304				pm1
2051	FAMILY RFLATIONS	OPEGON	OPEGON STATE UNIVERSITY RRIGHAM YOUNG U MAIN CAM	
1305				~
1306	FOODS AND NUTRITION	CALIFORNIA	U OF CAL DAVIS	

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTFRN UNITED STATES

PROGRAMS		m			e															20				4							
NOTITUTION	COLORADO STATE UNIVERSITY ORFGON STATE UNIVERSITY		STANFORD UNIVERSITY	UNIVERSITY OF WASHINGTON		ARIZONA STATE UNIVERSITY	CLAMPHOSTI OF ARICONA CLAMPHOSTI OF ARICONAL CLAMPHOSTI OF ARICONAL	CAL	U OF CAL DAVIS	CAL	U OF CAL STVERSTOE	PSIT	I) OF NORTHERN COLORADO	INAHO STATE UNIVERSITY	LI OF NEVADA PENO	HOP OPERON MATA CAMPIE	UNIVERSITY OF UTAH	UNIVERSITY OF WASHINGTON	WASHINGTON ST UNIVERSITY		CLARFMONT GRADUATE SCHOOL	U OF CAL SAN DIEGO	UNIVERSITY OF COLORADO		UAU.	U OF CAL MERKELFY	CAL	U OF CAL PIVERSIDE	OF CAL	U OF SOUTHERN CALIFORNIA	UNIVERSITY OF COLUMNIC
STATE	COLORADO		CALIFORNIA	MASHINGTON		ARTZONA	CALIFORNIA						COLORADO	IDAHO	NEVADA	ODE SON	UT AH	WASHINGTON			CALIFORNTA		COLORADO		CALTFORNTA						COLORADO
РРОСРАМ	FOODS AND NUTRITION		LAW GENFRAL			ENGLISH GENERAL															ENGLISH LITEPATURE				COMPARATIVE LITERATURE						
HEGIS CODE	1306	1306	1401		1401	1501														1501	1502			1502	1503						

UNIVERSITY OF WASHINGTON

WASHINGTON

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HEGIS CODE

PPOGRAM	CTATE	INSTITUTION	PROGRAMS	
			11	
CLASSICS	CALIFORNIA COLORADO WASHINGTON	U OF CAL PEPKELFY U OF CAL IDVINE U OF CAL LOS ANGELES U OF SOUTHFRN CALIFORNIA UNIVERSITY OF COLORADO UNIVERSITY OF WASHINGTON		
			¢	
INGUISTICS	APIZONA CALIFORNIA COLORADO HAWAII UTAH WASHINGTON	UNIVERSITY OF ARIZONA STANFORD UNIVERSITY UN OF CAL LOS ANGELES UN OF CAL LOS ANGELES UN OF CAL LAS AND DIEGO OF CALTHPN CALIFORNIA UNIVERSITY OF CALTHANDA UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON		
			0.1	
APFF CH	APIZONA CALIFORMIA CALOPADO OPFGON WASHINGTON	UNIVERSITY OF APIZONA U OF CAL BERKELEY U OF SOUTHERN CALIFORNIA UNIVERSITY OF DENVER U OF OREGON MAIN CAMPUS UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY	^	
PHILOSOPHY	ARIZONA CALIFORNIA	UNIVERSITY OF ARIZONA CLAREMONT CRADUATE SCHOOL STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL SANTA RARBARA U OF CAL SANTA RARBARA U OF CAL SANTA RARBARA	-	
	COLORADO HAWAII NEW MEXICO OPFGON UIAH	CAL TNST OF ASTAN STUDIFS LINTVEPSTY OF COLORADO LI OF HAWATT AT MANOA LI OF NM WATH CAMPLIS LI OF OPFGON MAIN CAMPUS LINTVEPSTY OF UTAH LIMTVEPSTY OF WASHINGTON		

DROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS	, u	4	m	
INSTITUTION	CLAPEMONT GRADUATE SCHOOL GRADUATE THFOL UNION STANFORD UNIVERSITY U OF CAL SANTA RAPBARA U OF SOUTHERN CALIFORNIA	STANFORD UNIVERSITY H OF CAL LOS ANGELES CAL TNST OF ASTAN STUDIES WASHINGTON ST UNIVERSITY	U OF CAL BERKELFY U OF CAL LOS ANGELES U OF SOUTHERN CALIFORNIA	ARIZONA STATE UNIVERSITY UNIVERSITY OF ARIZONA CAL INST OF TECHNOLOGY CLAPEMONT APADUATE SCHOOL LOMA LINDA UNIVERSITY GONE CAL PEPKELEY UNF CAL PEPKELEY UNF CAL PEPKELEY UNF CAL DAVIS UNF CAL IDVINF UNF CAL IDVINF UNF CAL SANTA BARBARA UNF CAL SANTA BARBARA UNF CAL SANTA CRUZ UNF CAL SANTA CANDO UNIVERSITY OF DENVER UNIVERSITY OF DANIANA NW STATE UNIVERSITY UNIVERSITY OF MONIANA NW STATE UNIVERSITY UNIVERSITY OF MONIANA NW STATE UNIVERSITY UNIVERSITY OF WARHUS UNIVERSITY OF WARHUS UNIVERSITY OF WARHUS UNIVERSITY OF WASHINGTON
STATE	CAL TFORMTA	CAL IFORNTA WASHINGTON	CAL TFORNTA	CALIFORNTA CALIFORNTA HAWAII IDAHO MONTANA NFW MEXICO. OREGON UTAH WASHINGTON
PROGRAM	PFLIGIOUS STUDIFS	OTHER LETTERS	LIRRADY SCIENCE	MATHFMATICS

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PROGRAMS		32			ĸ				vc																							
NOITHITISMI	WASHINGTON ST UNIVERSITY UNIVERSITY OF WYOMING		STANFORD HATVERSITY H OF CAL REPRELEY H OF CAL RYERSIDE	9		-	U OF CAL BERKELEY COLOBADO SCHOOL OF MINES	UNIVERSITY OF COLORADO		U OF ALASKA FATPBANKS	ARIZONA STATE UNIVERSITY	CAL TWST OF TECHNOLOGY	STANFORD UNIVERSITY	U OF CAL MERKELFY	OF CAL	U OF CAL LOS ANGELES	O A P	CAL	SOLIT		CINTVERSITY OF DENVER	U OF HAWATT AT MANOA		MONTANA STATE LINIVERSITY	U OF NEVADA RENO	NE STATE IL MAIN CAMPIN	U OF NM MATH CAMPUS	OPFGON STATE UNIVERSITY	OPEGON GRADUATE CENTER	ARTGHAM YOUNG U MAIN CAM	UNIVERSITY OF UTAH	UTAH STATE UNIVERSITY UNIVERSITY OF WASHINGTON
STATE	WASHINGTON		CAL TEOPNIA	COLORADO OPFGON		APIZONA CAL IFOPNIA	COLOGADO	WASHINGTON		ALASKA	APIZONA	CAL TFORNTA								COLORADO		HAWATT	IDAHO	ANATNOM	NFVADA	OCI KUE BLZ		ORFGON		UTAH		MASHINGTON
PROGRAM	MATHEMATICS		STATISTICS			APPLIFO MATHEMATICS				PHYSICS GENERAL																						

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTFRN UNITED STATES

INSTITUTION PROGRAMS	ST UNIVERSITY OF WYOMING	33	TE UNIVERSITY	OF TECHNOLOGY STATE U MIVERSITY BERKELEY. DAVIS LOS ANGELES AN DIEGO	CAL SANTA BARBARA CAL SANTA CRUZ SCHTHERN CALIFORNIA PSITY OF THE PACIFIC NORTHERN COLORADO ADD STATE UNIVERSITY PSITY OF COLORADO HAWAIT AT MANOA	SANTA BARBARA SANTA CRUZ THERN CALIFORNIA TY OF THE PACIFIC TY OF CLORADO TY OF COLORADO TY OF COLORADO TY OF COLORADO TY OF TOAHO TY OF TOAHO TY OF MONTANA TY OF MONTANA TO MAIN CAMPUS MAIN CAMPUS TY OF UNIVERSITY TO MAIN CAMPUS TY OF UNIVERSITY TO MAIN CAMPUS TY OF UNIVERSITY TY OF WASHINGTON TY OF WASHINGTON TY OF WASHINGTON TY OF WASHINGTON	NIA BARBARA NIA CALIFORNIA OF THE PACIFIC RN COLORADO AT WANDA OF COLORADO AT WANDA OF TOAHO OF TOAH OF T	SITY STON STON STON STON STON STON STON STON	RA CIFIC CIFIC SITY A SITY CAM SITY SITY SITY SITY SITY SITY SITY SITY
WASHINGTON ST			APIZONA STATE UNIVERSITY	SAN DIFGO STANFORD U OF CAL U OF CAL U OF CAL U OF CAL U OF CAL	U OF CAL SANTA CRUZ U OF SOUTHERN CALIFORNIA UNIVERSITY OF THE PACIFIC U OF MORTHERN COLORADO COLORADO STATE UNIVERSITY UNIVERSITY OF DENVER UNIVERSITY OF COLORADO U OF HAWAIT AT MANOA	U OF SOUTHERN UNIVERSITY OF	U OF SOUTHERN UNIVERSITY OF UNIVERSITY OF UNIVERSITY OF UNIVERSITY OF WONTANA STATE UNIVERSITY OF WONTANA STATE U OF NEVADA RU U OF NEVADA RU U OF NEVADA RU U OF ORFGON STATE U OF SOUNG UNIVERSITY OF UNIVERSITY OF WASHINGTON ST UNIVERSITY OF	U OF SOUTHERN UNIVERSITY OF WASHINGTON ST UNIVERSITY OF UNIVERSITY OF UNIVERSITY OF UNIVERSITY OF	U OF SOUTHERN UNIVERSITY OF
	MASHINGTON		APIZONA	CALIFORNIA	COLORADO	COLORADO MONTANA NEVADA NEW MEXICO OPFGON UTAH WASHINGTON	COLORADO HAWAII IDAHO MONTANA NFW MEXICO ORFGON UTAH WASHINGTON	HAWAII IDAHO MONTANA NEVADA NEW MEXICO OPFGON WASHINGTON WYOMING	HAWAII IDAHO MONTANA NFW MEXICO ORFGON UTAH WYOMING NFVADA
	PHYSICS GENERAL		CHEMISTRY GENERAL					INORGANIC CHFMISTRY	INORGANIC CHFMISTRY
	1902	1902	1905				5061	1906	1905

PROGRAM INDEX TO WICHE INVENTINEY OF DOCTORAL REGREE PROGRAMS IN THE WESTERN HMITED STATES

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PROGPAMS	e- (*)	α	σ	
INSTITUTION	LINTVERSITY OF ARIZONA LI CAL SAN FRISCO MEDL CTR LI OF SOUTHFRN CALIFORNIA LINTVERSITY OF ARIZONA CAL TNST OF TECHNOLOGY LI OF CAL REPRELEY LI OF CAL SANTA CRUZ	U OF HAWAIT AT MANOA NM STATE IJ MAIN CAMPUS UNIVERSITY OF WASHINGTON UNIVERSITY OF COLORADO	UNIVERSITY OF ARIZONA U OF CAL LOS ANGELES COLORADO STATE UNIVERSITY U OF HAWAII AT MANOA ORFGON STATE UNIVERSITY UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON UNIVERSITY OF WASHINGTON	UNIVERSITY OF ARIZONA CAL TNST OF TECHNOLOGY STAMFORD UNIVERSITY UNIVERSITY OF ARIZONA CAL TNST OF TECHNOLOGY STAMFORD UNIVERSITY UNF CAL REPRELEY UNF CAL LOS ANGELES UNIVERSITY UNIVERSITY OF MONTANA UNF NEVADA PENO UNIVERSITY OF MONTANA UNF NEVADA PENO
STATE	APTZONA CALIFORNTA APTZONA CALIFORNTA	HAWAII NFW MEXICO WASHINGTON COLOPADO	APIZONA CALIFORNIA COLORADO HAWAII OPFGON UTAH WASHINGTON	AL ASKA ARIZONA CAL IFORNTA CAL ORADO IDAHO MONTANA NFVADA NFW MEXICO
PPOGRAW	PHARMACFUTICAL CHEMISTRY ASTRONOMY	ASTPOPHYSICS	ATMOSPHERIC SCI & METEOROLOGY	GFOLOGY

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PROGRAMS	۸	u	m	α
INSTITUTION	STANFORD UNIVERSITY NM INST OF MINING & TECHN	UNIVERSITY OF ARIZONA STANFORD UNIVERSITY COLORADO SCHOOL OF MINES	UNIVERSITY OF ARIZONA STANFORD UNIVERSITY U OF CAL LOS ANGELES COLOBADO SCHOOL OF MINES UNIVERSITY OF COLORADO U OF NEVADA RENO ORFGON GRADUATE CENTER WASHINGTON ST UNIVERSITY	APITONA STATE UNIVERSITY UNIVERSITY OF ARIZONA US INTERNATIONAL U CLAPEMONT GRADUATE SCHOOL STANFORD HINVERSITY U OF CAL PAVIS U OF CAL INVERSITY U OF CAL INVERSITY U OF CAL AND DIEG U OF CAL AND DIEG U OF CAL SANTA RAPRARA U OF CAL SANTA CRUZ U OF CAL SANTA CALFORNIA U OF CAL SANTA CALFORNIA U OF MAMBIN OF MONTANA U OF MAMBIN CAMPUS U OF MAMBIN CAMPUS U OF MAMBIN CAMPUS U OF OREGON MAIN CAMPUS U OF MAMBIN CAMPUS U OF OREGON MAIN CAMPUS UNIVERSITY OF UTAH
STATE	CAL IFCRNTA NFW MEXICO	APIZONA CALIFOPNIA COLORADO	APIZONA CALIFORNTA COLORADO NEVADA OPFGON WASHINGTON	COLORADO COLORADO HAWATI MONTANA NEVADA NEW MEXTCO OREGON UTAH
мучовом	GFOSCIENCE	OPTICAL SCIFNCFS	OTHER PHYSICAL SCI	PSYCHOLOGY GENERAL

PROGRAW INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PROGRAMS		33		1		ľ		m		1		-		2		77		م	
NOTITITION	UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY OF WYOMING		U OF OPFGON HLTH SCI CTR		BIOL & COLLEGE US INTERNATIONAL U FULLED THEOLOGICAL SEM U OF CAL DAVIS THE WRIGHT INSTITUTE		CLARFWONT GRADUATE SCHOOL THE WRIGHT INSTITUTE II OF NEVANA RENO		NM STATE U MAIN CAMPUS		CLARFMONT GRADUATE SCHOOL		CLARFMONT GRADUATE SCHOOL UNIVERSITY OF WASHINGTON		CLAPFMONT GPADUATE SCHOOL CAL SCH PSÝC SN FRISCO CAL SCH PROF PSÝC LOS ANG CAL INST OF ASTAN STUDIFS		U OF SOUTHERN CALIFORNIA UNIVERSITY OF COLORADO		COLODADO STATE UNIVERSITY U OF ORFGON MAIN CAMPUS UNIVERSITY OF UTAH
STATE	WASHINGTON		OREGON		CALIFORNTA		CAL TFORMTA NFVADA		· NFW MFXTCO		CALIFORNIA		CALIFORNIA		CALIFORNTA		COL TEORNTA		COLOPADO OPFSON UTAH
PROGRAM	PSYCHOLOGY GENFRAL		EXPERIMENTAL PSYCHOLOGY		CLINICAL PSYCHOLOGY		SOCIAL PSYCHOLOGY		INDUSTRIAL PSYCHOLOGY		DEVELOPMENTAL PSYCHOLOGY		PHYSIOLOGIC PSYCHOLOGY		OTHER PSYCHOLOGY		PURLIC ADMINISTRATION		PECREATION MANAGEMENT
HEGIS CODE	2001	2001	2002	2002	2003	2003	2005	5002	2008	2008	5003	6002	2010	2010	6600	5000	2012	2112	2103

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PROGRAMS	e		æ		_	6		16		^	
INSTITUTION		U OF CAL BERKELFY U OF CAL LOS ANGELES U OF SOUTHERN CALIFORNIA UNIVERSITY OF UTAH UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON		UNIVERSITY OF ARIZONA	NORTHERN ADIZ UNIVERSITY CAL INST OF TECHNOLOGY U OF CAL IDVINE		APTONA STATE UNIVERSITY UNIVERSITY OF ARIZONA STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL SAN DIEGO UNIVERSITY OF UTAH UNIVERSITY OF UTAH UNIVERSITY OF WASHINGTON WASHINGTON ST UNIVERSITY		U OF CAL BERKELEY U OF CAL LOS ANGELES		APITONA STATE UNIVERSITY UNIVERSITY OF APITONA CLAPFMONT GRADUATE SCHOOL STANFORD UNIVERSITY U OF CAL BERKELEY U OF CAL LOS ANGELES U OF CAL LOS ANGELES
CTATF		CAL TFORNTA COLOBADO UTAH WASHINGTON		APIZONA	AD170NA CAL IFORNTA		COLORADO HAWATT NFW MFXTCO OPFGON UTAH		CAL TFORMTA		ADI JONA CAL IFORNIA
РВОСРАМ		SOCIAL WORK		OTHER PURLIC AFFAIRS	SOCIAL SCIENCES		ANTHROPOLOGY		APCHEOLOGY		FCONOMICS
HEGIS CODE	2103	2104	2104	2199	2201	2201	٥٥	2002	5503	2203	2204

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COLORADO

PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTFRN UNITED STATES

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PROGRAMS		*	2
INSTITUTION	UNIVERSITY OF DENVER UNIVERSITY OF COLORADO U OF HAWAIT AT MANDA ORFSON STATE UNIVERSITY U OF ORFSON WAIN CAMPUS UNIVERSITY OF UTAH	ARIZONA STATE UNIVERSITY UNIVERSITY OF ARIZONA CLAREMONT GRADUATE SCHOOL STANFORD UNIVERSITY U OF CAL REPKELEY U OF CAL LOS ANGELES U OF CAL LOS ANGELES U OF CAL RIVERSIDE U OF CAL RIVERSIDE U OF CAL RIVERSIDE U OF SOUTHERN CALIFORNIA COLORADO STATE UNIVERSITY UNIVERSITY OF COLORADO U OF OREGON MAIN CAMPUS U OF OREGON MAIN CAMPUS UNIVERSITY OF UTAH	APIZONA STATE UNIVERSITY UNIVERSITY OF APIZONA US INTERNATIONAL U STANFORD UNIVERSITY U OF CAL BARKELFY U OF CAL DAVIS U OF CAL LOS ANGELES U OF CAL RIVERSIDE U OF CAL SAN A RABARA U OF CAL SAN A RABARA U OF COUTHEN CALIFORNIA COLORADO STATE UNIVERSITY UNIVERSITY OF COLORADO U OF MAMAIT AT MANOA U OF NAM MAIN CAMPUS U OF NAM MAIN CAMPUS
STATE	COLORADO HAWALI ORFGON UTAH WASHINGTON	APIZONA CALIFORNIA HAWAII INAHO NFW MEXICO ODFGON UTAH WASHINGTON	APTZONA CALTFORNTA CALTFORNTA HAWAII MONTANA NFW MEXTCO OPFGON
PROGRAM	GFOGRABHY	POLITICAL SCIENCE	\$0C10L06Y

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PROGRAMS		74		-		4		-		-		-		α				1		1
INSTITUTION	RRIGHAM YOUNG U MAIN CAM UNIVERSITY OF UTAH STATE UNIVERSITY (INIVERSITY WASHINGTON ST UNIVERSITY WASHINGTON ST UNIVERSITY		U OF CAL BEPKELEY		CLAPEMONT GRADUATE SCHOOL U OF SOUTHERN CALIFORNIA CAL INST OF ASIAN STUDIFS UNIVERSITY OF DENVER		PORTH AND STATE UNIVERSITY		U OF CAL BERKELEY		US INTERNATIONAL U		AMER PAPT SEM W-BERKELEY FULLER THFOLOGICAL SEM GPADUATE THFOL UNION PACIFIC SCH OF RELIGION SAN FRANCISCO THEOL SEM SCH OF THEO AT CLARFMONT ILIFF SCHOOL OF THEOLOGY WESTFRN CONS BAPTIST SEM		GRADHATE THEOL HATON		GRADIIATE THEOL LINION		GRADUATE THEOL UNTON	
STATE	UTAH WASHINGTON		CALTFORNIA		CALJFORNTA		OPFGON		CALTFOONTA		CALIFORNIA		CAL IFORNTA CAL ORADO OPFGON		CALIFORNIA		CALIFORNIA		CALTFORNTA	
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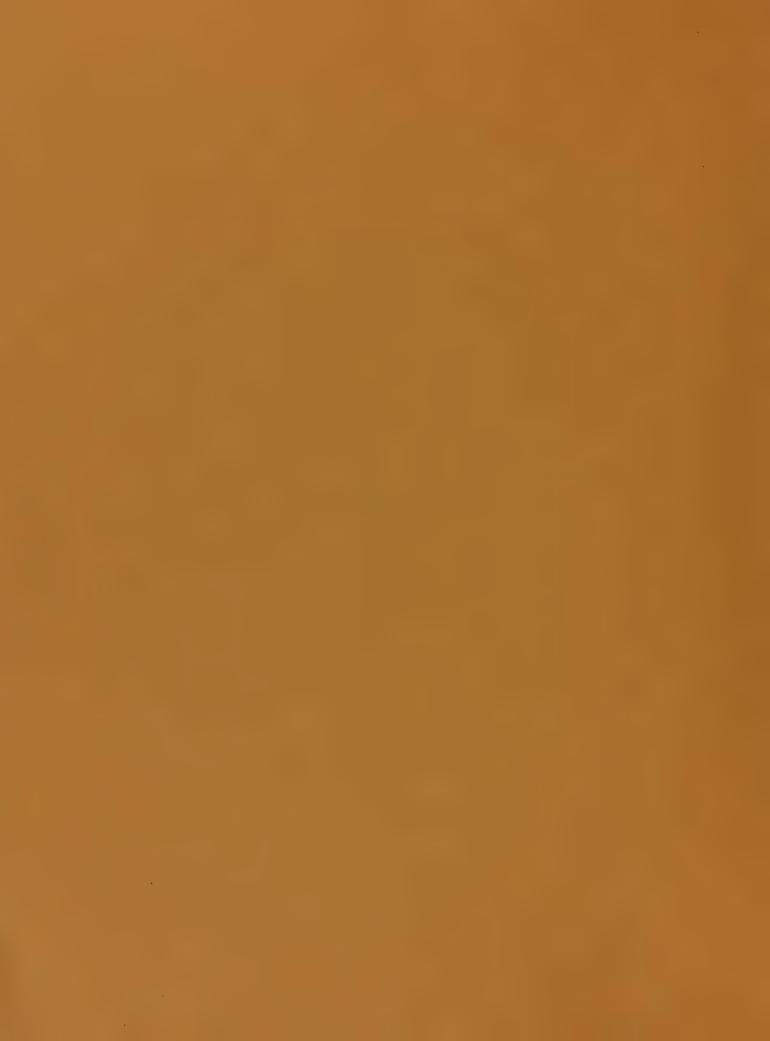
PROGRAM INDEX TO WICHE INVENTORY OF NOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

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PROGRAM INDEX TO WICHE INVENTORY OF DOCTORAL DEGREE PROGRAMS IN THE WESTERN UNITED STATES

PART II

DOCTORAL PROGRAM INVENTORY



HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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HEGTS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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NAME OF PROGRAM/ INSTITUTION	AGRONOMY AND SOIL SCIENCES U OF HAWAIT AT MANOA, HAWAII 6 5 6 5 6 8 5 8 RIEF PROGRAM DESCRIPTION IN AGRONOMY TROPICAL CROP PASTURE MANAGEMENT, 6 PLA CHEMISTRY, SOIL PHYSICS, CONSERVATION, SOIL FERTI SERVICF, PREREOS: MINIMUM FROM RELATED FIELDS.	AGRONOMY NM STATE U MAIN CAMPUS. NEW MEXICO 3 0 6 8 BRIEF PROGRAM DESCRIPTION CROP SCIENCE. SOIL SCIENCE. GEI REQUIREMENTS-LANGUAGE REQUIREM CAREER PREPARATION-COMMERCIAL PRIVATE PRODUCTION ENTERPRISES	CROP SCIENCE 3 7 BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF CROP SCIE DOCTOROF PHILOSOPHY DEGREES PRODUCTION. CROP PHYSIOLOG MANAGEMENT. SEED PHYSIOLOG GENFICS IS ALSO OFFERED (AGRONOMY WASHINGTON ST UNIVERSITY, WASHINGTON 3 2 3 3 2 3 3 2 3 3 2 4 3 4 4 4 4 4 4 4	AGRONOMY UNIVERSITY OF WYOMING, WYOMING 1 2 BRIEF PROGRAM DESCRIPTION RESEARCH PROBLEMS UNDERTAKE INSECTARY AND GREEN HOUSE ITHEIR COURSE WORK TO FULFIE
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	BRIEF PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILABLE IN SOIL FERTILITY, CHEMISTRY, PHYSICS, MICRORIOLOGY, CONSERVATION, AND CONCENTRATIONS ARE AVAILABLE IN SOIL FERTILITY, CHEMISTRY, PHYSICS, MICRORIOLOGY, CONSERVATION, AND CLASSIFICATION, WATER QUALITY, IRRIGATION, WATER RESOURCES DEVELOPMENT, WASTE MANAGEMENT AND POLLUTION CONTROL, MECHANIZATION OF FIELD AND VEGETABLECROP PRODUCTION, ENVIRONMENTAL CONTROL AND MATERIALS HANDLING, AND AGRICULTURAL SYSTEMS ANALYSIS ANDDESIGN, ADEQUATE UNDERGRADUATE PREPARATION IN ENGINEFRING, PHYSICAL SCIENCES, OR BIOLOGICAL SCIENCESSARY FOR ADMISSION.	IEF PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILA CLASSIFICATION, WATER OUD POLLUTION CONTROL, MECHAN MATERIALS HANDLING, AND A IN ENGINEFRING, PHYSICAL	LABLE IN SO HUALITY, IRR ANIZATION OF AGRICULTUR	N SOI IRRI ON OF LTURA CES+	IL FERTION FERENCE FIELD	ERTILITY, (TON, WATER FLD AND VE(SYSTEMS ANAL)	CHEM ER RE VEGETA NALYSI AL SCI	TSTRY SOURCE BLECR S AND ENCES	PHY ES DEN OP PR DESIGN	HEMISTRY, PHYSICS, MIC RESOURCES DEVELOPMENT ETABLECROP PRODUCTION, YSIS ANDDESIGN, ADEQUA SCIENCESNECESSARY FOR	MICROP IENT : WON EN ON EN	ROBIOLOGY. • WASTE MA • WASTE MA ENVIRONME ADMISSION.	FERTILITY, CHEMISTRY, PHYSICS, MICRORIOLOGY, CONSERVATION, AND TION, WATER RESOURCES DEVELOPMENT, WASTE MANAGEMENT AND TELD AND VEGETABLECROP PRODUCTION, ENVIRONMENTAL CONTROL AND SYSTEMS ANALYSIS ANDDESIGN, ADEQUATE UNDERGRADUATE PREPARATION BIOLOGICAL SCIENCESNECESSARY FOR ADMISSION.	ENT AND CONTROL	N. AND AND RATION		
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	RRIEF PROGRAM DESCRIPTION FIELDS OF SPECIALIZATION INCLUDE PHYSICS. CHEMISTRY. MINERALOGY. FERTILIZEPS AND PLANT NUTRITION, BIOCHEMISTRY. MICPOBIOLOGY. AND OPPORTUNITIES INCLUDE RESEARCH AND TFACHING WITH PRIVATE. DISTRIC INTERNATIONAL ORGANIZATIONS. FARM MANAGEMENT.	DESCRIPTION PECIALIZATION INCLUDE PI AND PLANT NUTRITION• B S INCLUDE RESEARCH AND AL ORGANIZATIONS• FARM	N INCLUI UTRITION ESEARCH TIONS, 6	NA BI	YSICS. CHEM OCHEMISTRY: TFACHING WI MANAGEMENT.	CHEM STRY. NG WI	CHEMISTRY, MINERALOGY, STRY, MICRORIOLNGY, AND 16 WITH PRIVATE, DISTRICENT.	MINE BIOLO VATE:	RALOGY GY. AN DISTR	V. SOI UD AGP	L MORP ICULTU STATE.	HOLOGY RAL PR FEDER	YSICS. CHEMISTRY. MINERALOGY. SOIL MORPHOLOGY AND CLASSIFICATION OCHEMISTRY. MICROBIOLOGY. AND AGRICULTURAL PRODUCTION. CAREFR MANAGEMENT.	ASSIFIC	CATION	CZ	2
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HEGTS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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NAME OF PROGRAM/ INSTITUTION	TOTAL	COUNT	ANIMAL PHYSIOLOGY UNIVERSITY OF ARIZONA, ARIZONA 0 0 6 BRIEF PROGRAM DESCRIPTION IT IS RECOMMENDED THAT APPLICANTS T CHEMISTRY, MATHEMATICS, AND PHYSICS	ANIMAL SCIENCE COLORADO STATE UNIVERSITY. COLORADO 11 8 14 7 1 BRIEF PROGRAM DESCRIPTION SPECIALIZATIONS IN ANIMAL SCIENCE ARE MEATS. PRODUCTION MANAGEMENT & ANIMAL SPECIALIZATIONS IN POULTRY NUTRITION. TECHNOLOGY. AVIAN GEMETICS & PHYSIOLC	ANIMAL/RANGE SCIENCE NM STATE U MAIN CAMPUS, NEW MEXICO 16 0 20 0 24 0 19 2 BRIEF PROGRAM DESCRIPTION EMPHASES-ANIMAL SCIENCE; EMPHASES-PANGE SCIE SCIENCE: RESEARCH, EXTENSION, TEACHING, PRODUCTION, AND CON- RESEARCH, EXTENSION, TEACHING, PRODUCTION AND CONSERVATION.	ANIMAL SCIENCE OPEGON STATE UNIVERSITY. OREGON 3 6 4 2 BRIFF PROGRAM DESCRIPTION THE DEPARTMENT OF ANIMAL SCIENCE OF MAJOR EMPHASIS IN THE FIELDS OF LIVE
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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NAME OF PROGRAM/ INSTITUTION	ANIMAL AND DAIRY SCIENCE UTAH STATE UNIVERSITY. UTAH 1 1 3 0 11 2 3 1 3 2 BRIEF PROGRAM DESCRIPTION SCIENTIFIC AND APPLIED ASPECTS OF FARM ANIMALS AND POULTRY. AREAS OF SPECIALIZATION INCLUDE ANIMAL SCIENTIFIC AND APPLIED ASPECTS OF FARM ANIMALS AND POULTRY. AREAS OF SPECIALIZATION INCLUDE ANIMAL BREEDING. NUTRITION, PHYSIOLOGY. MGT. TOXICOLOGY. CAREER PREPARATION FOR RESEARCH, TEACHING. AND EXTENSION IN AGRICULTURE AND AGRIBUSINESS. BOTH DOMESTIC AND FOREIGN. PREPEOS: RACKGROUND IN ANIMAL AGRICULTURE (8S OR MS IN ANIMAL SCIENCE, PRACTICAL EXPERTENCE ON FARM OR PANCH, OR ANIMAL SCIENCE COURSES). AND COURSES IN BASIC SCIENCES DEPENDING ON THE AREA OF SPECIALIZATION. ACCEPTABLE GRE SCORES.	ANIMAL SCIENCE WASHINGTON ST UNIVERSITY, WASHINGTON 2 2 5 6 2 8 3 39 7 46 BRIEF PROGRAM DESCRIPTION STUDY IN THE FOLLOWING AREAS; GENETICS, MEATS, NUTRITION, PHYSIOLOGY & PRODÚCTION, PREREQUISITES: MAJOR IN ANIMAL SCIENCE, BIOLOGY, 700LOGY, OR SOME RELATFD FIELD INCLUDING 15 HOURS GENERAL BIOLOGY, RAJOR IN ANIMAL SCIENCE, BIOLOGY, 700LOGY, OR SOME RELATFD FIELD INCLUDING 15 HOURS GENERAL BIOLOGY, ANIMAL PRODUCTION.	ANIMAL SCIENCE UNIVERSITY OF WYOMING, WYOMING 3 1 3 4 6 0 6 4 3 1 BRIEF PROGRAM DESCRIPTION SPECIALIZATION IN BREEDING, NUTRITION, WOOL, PHYSIOLOGY, PREREOS: READING WNOWLEDGE OF 2 FOREIGN LANGUAGES OR ONE LANGUAGE AND ONE TOOLS.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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0100	POULTRY SCIENCE OREGON STATE UNIVERSITY, OREGON 2 1 0 3 0 1 0 10 BRIEF PROGRAM DESCRIPTION EMPHASIS IN THE FIELDS OF NUTRITION, GENETICS, REPRODUCTIVE-PHYSTOLOGY AND MANAGEMENT, THE DEPARTMENT HAS THREE RESFARCH FACILITIES, TWO DEVOTED TO CHICKENS AND ONE TO TURKEYS, STUDENT RESEARCH MAY INVOLVE WORK WITH CHICKENS, TURKEYS AND/OR COTURNIXOUALL, ADFOUATE LIARRAY AND LABORATORY SUPPORT FACILITIES ARE AVAILABLE AND CLOSE COOPERATION EXISTS WITH VARIOUS OTHER DEPARTMENTS.	ERSITY, C ESCRIPTION HE FIELDS S THREE R INVOLVE W	DREGON ON SOF NU RESEARC VORK WI	TRITICHITE CHIS ARE	I CLITIES CKENS.	0 ETICS. TURKE ALE AN	1 0 3 0 1 0 10 10 10 10 10 10 10	OUCTIV O TO C	1 E-PHY HICKEN TURNI)	STOLOG VS ANT VOUATL	10 IV AND WE TO ANE TO ADFOUR	3 1 MANAGEMENT. THE TO TURKEYS. STUDENT QUATE LIBRARY AND WITH VARIOUS OTHER	13 rhe rudent and other can	CAMPUS	Z
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0107	FISHERIES SCIENCE AND WILDLIFE ECOLOGY UNIVERSITY OF ARIZONA, ARIZONA 7 0 2 1 5 0 3 BRIEF PROGRAM DESCRIPTION GRADUATE PROGRAMS ARE INDIVIDUALLY PLANNED, ALL STUDER OFCHING IN THE AREA OF NATURAL RESOURCE MANAGEMENT & ENVIRONIALIZATION, STUDENTS ARE URGED TO GAIN A BROAD FUNDAMENTAL RELATIONS OF HUMANS & THEIR ENVIRONMENT, SOIL & CLIMATE, RESEARCH WORK MUSTBE CONCERNED WITH A	ZONA ARI ZONA ARI FESCPIPTIC FRAMS ARE IE AREA OF TION STU FLATIONS	VILDLIF	DUALLY AL RES ARE UR INNS &	S PLANNI OURCE GED TO THEIR	0 ED. AL GAIN GAIN ENVIR	5 0 3 PLANNED. ALL STUDE OURCE MANAGEMENT & GED TO GAIN A BROAD THEIR ENVIRONMENT. BE CONCERNED WITH A	7	0 S 0 ITS ARE URGED TI FUNDAMENTAL REI UND. SOIL. AND PARTICULARLY TI FIELD PROBLEM.	O SED TC AL REL AND SLY TH	12 GAIN A ATIONS C CLIMATF.	S 0 3 0 5 0 12 B 20 PLANNED. ALL STUDENTS ARE URGED TO GAIN A BROAD UNDERSTANDING URCE MANAGEMENT & FUNDAMENTAL RELATIONS OF HUMANS AND THEIR ED TO GAIN A BROAD UND. SOIL, AND CLIMATE. AS THEY AFFECT THEIR ENVIRONMENT, PARTICULARLY THOSE INVOLVING PLANTS. ANIMALS.	20 SSTANDING 1D THEIR (FFECT IS. ANIMA	NO NO	N/A
	FISHERY & WILDLIFE BIOLOGY COLORADO STATE UNIVERSITY. COLORADO 29 7 17 2 2 24 6 24 3 23 3 BRIEF PROGRAM DESCRIPTION PROGRAMS IN FISHERY BIOLOGY INCLUDE FCOLOGY & MANAGEMENT OF STREAMS. LAKES & NUTRITION: TAXONOMY: FISH PHYSIOLOGY: PATHOLOGY: POPULATION DYNAMICS: & FISH BIOLOGY PROGRAMS INCLUDE BIG GAMF: UPLAND GAMF: WATERFOWL: NONGAMF WI! DLIFE: BEHAVIOR: PATHOLOGY: POPULATION DYNAMICS: SYSTEMS ECOLOGY: MODFLING: NUTRITY ADMINISTRATION: HABITAT MANAGEMENT: & WILDLIFE VALUES.	LIFE BIOL 29 17 29 17 28 ESCRIPTIC ISHERY BI XONOMY; F AMS INCL! HOLOGY; F	COLORA COLORA IN IN I	ADO 2 INCLUE IYSIOLC GAMFI		6 06Y L THOLOG D GAME I SYST	E FCOLOGY & MANAGEMENT OF SY: PATHOLOGY: POPULATION UPLAND GAME: WATERFOWL: NAMICS: SYSTEMS ECOLOGY: T: & WILDLIFE VALUES.	3 MENT O ULATTO PFOWL \$ DLOGYS	23 NF STRE NONGA MODEL	AMICS:	STREAMS, LAKES K DYNAMICS: & FISH IONGAME WI! DLIFE:	24 6 24 3 23 3 73 E FCOLOGY & MANAGEMENT OF STREAMS, LAKES & RESERVOIRS! FISH SY! PATHOLOGY! POPULATION DYNAMICS! & FISH CULTURE, WILDLIFF UPLAND GAME! WATERFOWL! NONGAME WI! DLIFE! PURLIC PFLATIONS! AMMICS! SYSTEMS ECOLOGY! MODELING! NUTRITION & PHYSIOLOGY!	73 LDLIFF LTIONS®	ON	N N
	FISH AND WILDLIFE MANAGEMENT MONTANA STATE UNIVERSITY, MONTANA B 1 9 BRIEF PROGRAM DESCRIPTION PESEARCH IN FISH AND WILDLIFE MANAGEMENT.	LIFE MANAGEMENT II 9 0 0 0 DESCRIPTION FISH AND WILDLIFE INCLUDES PROJECTS	MONTAN MONTAN 10 90 VILDLIF	IA 0	0 UDFS PI	OROJECT	æ z	1 6 FISHFRIES.		9 11 G GA	0 RIG GAME . GAME	23 BIRDS AND HARITAT	23 HARITAT	ON ON	N A / N

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WILDLIFF SCIENCE UTAH STATE UNIVERSITY, UTAH BRIEF PROGRAM DESCRIPTION TERRESTRIAL WILDLIFE BIOLOGY AND ECOLOGY: AQUATIC WILDLIFE BIOLOGY AND ECOLOGY: ANIMAL BEHAVIOR TERRESTRIAL WILDLIFE SIOLOGY APPLICATION OF SYSTEMS ANALYSIS, MODELING, AND COMPUTER SIMULATION TO ANIMAL POPPULATION ECOLOGY: APPLICATION OF SYSTEMS ANALYSIS, MODELING, AND RESEARCH AT BIOLOGICAL PROCESSES AND RESOURCE MGT. PROBLEMS. CAREERPREPARATION FOR TEACHING AND RESEARCH AT UNIVERSITY LEVEL, IN RESOURCE MGT AGENCIES, OP IN PRIVATE RESOURCE OR CONSULTING FIRMS. PREREGS: EARNED MASTERS DEGREE IN APPROP. FIFLD, ACCEPTABLE GPA AND GRESCORES.	53 OMPUTER SIMULATION TO HING AND RESEARCH AT ITING FIRMS. PREREGS:	°Z	Z Z
79 15 51 18 56 14 71 14 69 15 83	29 261		
L T			
HORTICULTURE UNIVERSITY OF ARIZONA, ARIZONA 1 0 5 0 3 0 9 2 8 1 16 10 2 BRIEF PROGRAM DESCRIPTION IN THE DEPARTMENT OF PLANT SCIENCES I PHYSIOLOGY, ECOLOGY, PLANT BREEDING, GENETICS, WEED SCIENCE, AND AGRONOMICS AND HORTICULTURAL PRODUCTION.	2 8 1 16 10 26 WITHIN THE DEPARTMENT OF PLANT SCIENCES INCLUDE SCIENCE, AND AGRONOMICS AND HORTICULTURAL	90 80	Z A
HORTICULTURE COLORADO STATE UNIVERSITY, COLORADO COLORADO STATE UNIVERSITY, COLORADO 30 BRIEF PROGRAM DESCRIPTION PROGRAMS APRE OFFERED IN HORTICULTURAL FOOD CROPS, FLORICULTURE, NURSERY & LANDSCAPE MANAGEMENT	30 ANDSCAPE MANAGEMENT &	Q	X/A

HEGTS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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THE COLOR	TROFICAL FROM THE FOLL OF THE FOLLOWS. BIOCHEMICAL GENETICS, VEGFTABLE PREEDING AND CULTURE, ORCHID CYTOGENETICS, HERBICIDE PHYSIOLOGY, TROPICAL FLOWER BREEDING, PHYSIOLOGY AND CULTURE OF ORNAMENTAL PLANTS, MORPHOGENESIS AND BIOCHEMISTRY OF PLANT GROWTH AND REPRODUCTION, TURE MANAGEMENT, TROPICAL LANDSCAPE HORTICULTURE, PREP, FOR TCHG, RESCH, EXT WORK, AND FOR IND & GOVT SYCE, PRERES: MIN OF 25 UG CR IN PLANT SCI, BASIC COURSES IN CHEM & ROTANY, GRE APT.	SHIT BREST OF TROPIC	EEDING BICIDE NTAL P CAL LA	Z	JLTURE, DLOGY, MORPHO HORTI	TROPICA GENESIS CULTURE	MICAL CRO AND AND BASI	GENET P FCOL BIOCHE P FOR	OGY. EMISTR TCHG	VEGET TROPI Y OF RESIN CHES	CAL FI	GROWTH GROWTH T WORK	G AND AND R AND R GRE AP	CULTURA IG. PHYS FEPRODU FOR INI	AND CULTURE, BIOCHEMICAL GENETICS, VEGFTABLE BREEDING AND CULTURE, ORCHID PHYSIOLOGY, TROPICAL CROP ECOLOGY, TROPICAL FLOWER BREEDING, PHYSIOLOGY AND ANTS, MORPHOGENESIS AND BIOCHEMISTRY OF PLANT GROWTH AND REPRODUCTION, TURE UDSCAPE HORTICULTURE, PREP, FOR TCHG, RESCH, EXT WORK, AND FOR IND & GOVT UG OR IN PLANT SCI, BASIC COURSES IN CHEM & ROTANY, GRE ART,	TURF	
OREGO	HORTICULTURE OREGON STATE UNIVERSITY, OREGON 12 3 3 1 RRIFF PROGRAM DESCRIPTION THESIS RESEARCH TOPICS FALL IN THE CULTURE AND MANAGEMENT OF FRUIT, VI	MIVERSITA 12 M DESCRI	TY. OR IPTION OPICS	EGON 3 FALL IN	1 J THE F	2 FIELDS C	3 OF PHY	3 6 1 OF PHYSTOLOGY.	1 SY. BI	OCHEM ROPS.	1 ISTRY DEPAI	9 1 23 3 BIOCHEMISTRY. GENETICS. BREEDING. CROPS. DEPARTMENTAL RESEARCH AND	ICS. B	3 IREEDING	26 30 08 40 68AN	NO	A /
TO I	PROGRAMS ARE ORIENTED TO BASIC AND APPLIED MISSION-ORIENTED INVESTIGATIONS WITH CLEARLY DEFINED OBJECTIVES. A 4-CREDIT HOUR TEACHING EXPERIENCE IS REQUIRED OF DOCTORAL STUDENTS.	RE ORIE	NTED T	O BASIC	S AND L	PPL IEO	MISSI	ON-OR	JENTED JUTRED	INVE	STIGA	NVESTIGATIONS WITH CL OF DOCTORAL STUDENTS.	ITH CL	FARLY	DEF INED		
N. C.	WASHINGTON ST UNIVERSITY, WASHINGTON WASHINGTON ST UNIVERSITY, WASHINGTON RRIEF PROGRAM DESCRIPTION STUDY MAY BE IN THE FIELDS OF OLERICULTURE, POMOLOGY, OR ORNAMENTAL HORTICULTURE, THE DEPARTMENT ALSO PARTICIPATES IN THE INTERDEPARTMENTAL GRADUATE PROGRAMS IN ENVIRONMENTAL SCIENCF, FOON SCIENCE & GENETICS, STUDENTS WITH UNDERGRADUATE MAJORS IN THE PLANT SCIENCFS, INCLUDING HORTICULTURE, AGRONOMY, PLANT PATHOLOGY, ENVIRONMENTAL SCIENCE, GENETICS, ROTANY, PLANT PHYSIOLOGY & RIOCHEMISTRY MAY RE WELL PREPARED FOR GRADUATE STUDY.	UNIVERS V DESCR SE IN THE SIDATES STUDE	ITY. WILLIAM THE FIELD THE FIELD THE FIELD PATHOL WILLIAM THE WELLE WAS	ASHING 3 LDS OF F INTER TH UNDE OGY, EN	OLERIC SPEPART SPEPART VIRONN	3 2 5 ICULTURE, POMOLOGY, RIMENTAL GRADUATE P DUATE MAJORS IN THE NMENTAL SCIENCE, GE FOR GRADUATE STUDY,	POMOU GRADUA JORS IN SCIENCE JATE S	S LOGY. ATE PR N THF E. GEN TUDY.	OR OR PLAN	S IN IS IN I	3 ENVIR FNCFS	MENTAL HORTICULTURE. THE DEPARTME IN ENVIRONMENTAL SCIENCF. FOOD SC SCIENCFS. INCLUDING HORTICULTURE. ROTANY. PLANT PHYSIOLOGY &	TURE. L SCIE DING H	THE DEF	38 DOD SCTE	NO NO ENCE	2
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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GPADUATE ENROLLMENT 1977-79 FIILL-TIME PART-TIME TOTAL	47	10 6 30 10 27 4 69 0 69 IN ECONOMIC ANALYSES, STATISTICAL METHODS AND INCLUDES FLECTIVE NG, MANAGFRIAL, CONSUMPR, AND RESOURCE FCONOMICS, STUDENTS ARE WITH AN EMPHASIS ON MODERN ECONOMIC ANALYSIS AND PUBLIC POLICY, OVERNMENT, BUSTNESS, FARMING, TFACHING AND RESEARCH, PRFREG.: GRE SCORES.	1 0 1 0 2 0 26 ADMINISTERS THE PROGRAM IN AGRICULTURAL ECONOMICS LEADING TO M.S. AND PH.D.DEGRFES IN AGRICULTURAL ECONOMICS ARE TAKEN I	PF. & AGRICULTURE IN DEVELOPING COUNTRIES. AGRIGULTURAL SYSTRICULTURAL ENGINEEPING): & A TYPICAL CORF PROGRAM. GRADUATE XTENSION WORK IN AGRICULTURAL & RESOURCE ECONOMICS IN EVEL ECONOMIC POSITIONS WITH STATE, FFDFRAL & INTERNATIONAL STATISTICS. CALCULUS. INTERMEDIATE ECONOMIC THEORY (MACRO-	0 0 0 0 PECIAL CIRCUMSTANCES, MOST OF THE DEPT MEMBERS STATION, RESEARCH IS BEING DONE IN THE FIELDS ATION, FARM AND RANCH MANAGEMENT, AGRICULTURAL OPMENT, CONSUMER ECONOMICS, TRANSPORTATION AND
	c	4 ISTICAL VD RESOU ECONOM	O IN AGRIC	7 OPING C A TYPI UPAL & I TH STA	B 1 MOST OF THE BEING DONE I MANAGEMENT.
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NAME OF PROGRAM/ INSTITUTION	AGRICULTURE ECONOMICS U OF CAL BFRKELEY. CALIFORNIA 14 10	AGRICULTURE ECONOMICS U OF CAL DAVIS, CALIFORNIA 15 6 18 3 10 6 30 10 27 4 69 0 69 BRIEF PROGRAM DESCRIPTION PROGRAM DESCRIPTION PROGRAM PROVIDES ADVANCED TPAINING IN ECONOMIC ANALYSES, STATISTICAL METHODS AND INCLUDES FLECTIVAL AS A GRICULTURAL MARKETING, MANAGERIAL, CONSUMER, AND RESOURCE FCONOMICS, STUDENTS APERED FOR RESEARCH AND TEACHING WITH AN EMPHASIS ON MODERN ECONOMIC ANALYSIS AND PUBLIC POLICY GRADS ARE PREPARED FOR CARFERS IN GOVERNMENT, BUSINESS, FARMING, TFACHING AND RESEARCH, PRFRED.; THREE LETTERS OF RECOMMENDATION AND GRE SCORES.	AGRICULTURAL FCONOMICS COLOPADO STATE UNIVERSITY. COLOPADO 2 0 2 0 RRIEF PROGRAM DESCRIPTION THE COLLEGE OF AGRICULTURAL SCIENCES ADMINISTERS THE PROGRAM IN AGRICULTURAL ECONOMICS LEADING TO THE MASTER OF AGRICULTURE DEGREE. THE M.S. AND PH.D.DEGREES IN AGRICULTURAL ECONOMICS ARE TAKEN IN THEDEPARTMENT OF ECONOMICS.	AGRICULTURE ECONOMICS U OF HAWAII AT MANOA, HAWAII 6 8 8 8 9 3 7 4 7 7 30 21 51 RRIEF PROGRAM DESCRIPTION THE ECONOMICS OF TROPICAL AGRICULTURE, & AGRICULTURE IN DEVELOPING COUNTRIES, AGRIGULTURAL SYSTEMS THE ECONOMICS OF TROPICAL AGRICULTURE, & A TYPICAL CORF PROGRAM, GRADUATES, ARE ANALYSIS (WITH THE DEPARTMENT OF AGRICULTURAL ENGINEERING); & A TYPICAL CORF PROGRAM, GRADUATES, ARE PREPARED FOR TEACHING, RESEARCH & EXTENSION WORK IN AGRICULTURAL & RESOURCE ECONOMICS IN AGRICULTURAL COLLEGES & FOR HIGH LEVEL ECONOMIC POSITIONS WITH STATE, FFDFRAL & INTERNATIONAL AGRICULES, PREPRAPATION IN STATISTICS, CALCULUS, INTERMEDIATE ECONOMIC THEORY (MACRO- &	APPLIED ECONOMICS MONTANA STATE UNIVERSITY, MONTANA RRIEF PROGRAM DESCRIPTION THE PH.D. DEGREE IS OFFERED UNDER S APPOINTMENT WITH THE AG EXPERIMENT MARKETING, AGRICULTURAL POLICY, TAX RESOURCE ECONOMICS, RESOURCE DEVEL
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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DEGREES CONFERRED ***** 1975-76 1976-77 1977-78 MAST DOCT MAST DOCT	9 4 7 7 12 3 50	RESOURCE ECONOMICS OFFERS GRADUATE WORK LEADING TO THE MASTER OF GREES WITH A MAJOR EMPHASIS IN THE FIELDS OF MARKFING, FINANCE EMATICAL ECONOMICS, MARINE AND FISHERY ECONOMICS, NATURAL S, PRODUCTION ECONOMICS AND FARM MANAGEMENT IN FOOD AND FIRFR ECONOMIC DEVELOPMENT AND AGRICULTURAL POLICY.	80	ELOPMENT. R AGRICULTUR
0	e v		INGTON	IEF PROGRAM DESCRIPTION AGRICULTURAL POLICY, AGRICULTURAL DEVELOPMENT, RESOURCE FCONOMICS, PRODUCTION ECONOMICS, FARM MANAGEMENT, AGRI-BUSINESS MANAGEMENT, AGRICULTURAL MARKETING & QUANTITATIVE METHODS, PREREQUISITES: AN UNDERSTANDING OF BASIC FCONOMIC THEORY, METHODS OF HANDLING STATISTICAL DATA PERTAINING TO
1973-74 1974-75 MAST DOCT MAST DOCT	AGRICULTURE ECONOMICS OREGON STATE UNIVERSITY, OREGON	IEF PROGRAM DESCRIPTION THE DEPARTMENT OF AGRICULTURAL AND SCIENCE AND DOCTOR OF PHILOSOPHY DE AND TAXATION, ECONOMETRICS AND MATH RESOURCE DEVELOPMENT, PRICE ANALYSI INDUSTRIES, INTERNATIONAL TRADE AND	AGRICULTURE ECONOMICS WASHINGTON ST UNIVERSITY, WASHINGTON 10 5 6	CRIPTION LICY: AGRIC I-BUSINESS G OF BASIC
	AGRICULTURE ECONOMICS GON STATE UNIVERSITY.	BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF AGRICS SCIENCE AND DOCTOR OF PI AND TAXATION. ECONOMETR RESOURCE DEVELOPMENT. PI INDUSTRIES. INTERNATION	AGRICULTURE ECONOMICS HINGTON ST UNIVERSITY 10	BRIFF PROGRAM DESCRIPTION AGRICULTURAL POLICY, AGR MANAGEMENT, AGRI-BUSINES AN UNDERSTANDING OF BAST
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,	9 0		E 80TH 8	IPIDS. PR	TE MANAGE	SEAFOODS, DAIRYPRODUCTS, FRUITS, VEGETARIES, AND MEATS,
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FOOD SCIENCE AND TECHNOLOGY OREGON STATE UNIVERSITY, OREGON		RRIEF PRIGRAM DESCRIPTION	PESEAPCH	ENZYMOLO	FLAVOR	SFAFOODS
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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GRADUATF ENROLLMENT 1977-78 FULL-TIMF PART-TIME TOTAL		R DURING F SSING FFFI ASIC NUTRI SITTES OR	1 S 1 24 3 27 PRODUCT TECHNOLOGY, PRODUCTION DESIGN & BUSINESS MANAGEMENT, MARKETING, TECHNICAL SALES INDUSTRY, ACADEMIC INSTITUTIONS OR REGULATORY & IN QUANTITATIVE & ORGANIC CHEMISTRY, HUMAN NUTRITION ARE RECOMMENDED.	5		ان ان	& MORPHOL ULTIPLE-US ENCE & TEC
** 1977-78 G MAST DOCT F	10 2	THAT OCCU D TO PROCE UDIES IN B RY+ UNIVER	S 1 TECHNOLOG MANAGEME ACADEMIC ITATIVE R	52		e	24 1 T GENETICS SCIENCE. M
*** 77 0CT	6 0	TEF PROGRAM DESCRIPTION STUDIES IN BIOCHEMICAL, MICROBIOLOGICAL AND QUALITY CHANGES THAT OCCUR DURING FOOD PROCESSING AND STUDIES IN BIOCHEMICAL, MICROBIOLOGICAL AND QUALITY CHANGES THAT OCCUR DURING FFICIENCY IN FOOD STORAGE, PROGRAMS ARE ALSO AVAILABLE IN ENGINEERING RELATED TO PROCESSING FFICIENCY IN FOOD MANUFACTURING PLANTS, THE PROGRAM ALSO INCLUDES GPADUATE STUDIES IN BASIC NUTRITION AND METAROLISM, CAREER PREPARATION FOR FOOD OR NUTRITION RESEARCH IN INDUSTRY, UNIVERSITIES OR GOVERNMENT, PREPREDS: ORGANIC CHEMISTRY, BASIC PHYSICS, AND BASIC MICROBIOLOGY.	_ ~~+	15 5		13 6	13 15 13 1 24 1 * FOREST ECOLOGY, FOREST GENETICS & MORPHOLOGY, TREE PHYSIOLOGY. BIOMETRY, FOREST FIRE SCIENCE, MULTIPLF-USF FOREST MANAGEMENT, FSOURCES ADMINISTRATION, WOOD SCIENCE & TECHNOLOGY, WOOD FERING.
DEGREES CONFERRED 1975-76 1976-* MAST DOCT MAST DO		IEF PROGRAM DESCRIPTION STUDIES IN BIOCHFMICAL, MICROBIOLOGICAL AND QUALITY CHANGE. STORAGE, PROGRAMS ARE ALSO AVAILABLE IN ENGINEERING RELATY MANUFACTURING PLANTS, THE PROGRAM ALSO INCLUDES GPADUATE S CAREER PREPARATION FOR FOOD OR NUTRITION RESEARCH IN INDUS ORGANIC CHEMISTRY, BASIC PHYSICS, AND BASIC MICROBIOLOGY.	INGTON ST UNIVERSITY, WACHINGTON INGTON ST UNIVERSITY, WACHINGTON IF PROGRAM DESCRIPTION PPEPARATION FOR BASIC & APPLIED FOOD RESEARCH, FOOD DEVELOPMENT, QUALITY ASSURANCE, SENSORY EVALUATION, & CREATIVE TECHNICAL WPITING POSITIONS IN THE FOOD ICONSUMER SERVICE AGENCIES, PREREQ:: U.G. TRAINING IN RICCHEMISTRY, MICROBIOLOGY, PHYSICS, MATHEMATICS & A	m		~	15 1 OREST ECOL OMETRY FO URCES ADMI
0	1 11	IEF PROGRAM DESCRIPTION STUDIES IN BIOCHFMICAL, MICROBIOLOGICAL STORAGE, PROGRAMS ARE ALSO AVAILABLE IN MANUFACTURING PLANTS, THE PROGRAM ALSO I CAREER PREPARATION FOR FOOD OR NUTRITION ORGANIC CHEMISTRY, BASIC PHYSICS, AND B	FOOD SENSO ITTION ICS.	6 23		3 24	8 LTURE OREST URE R ENGIN
19 19	CIENCE UTAH	TION CAL. MICRO RE ALSO AV S. THE PRO FOR FOOD O	Y, WACHING TION TION A ASSURANC W WSSURANC E WEITING SENCIES. P	9 15		FORNIA 9 18 TION ESOURCE SC	TY. COLOBA 2 16 TION D IN SILVI MARKFING, LANNING, N
	AND FOOD SILVERSITY.	M DESCRIP N BIOCHFMI PROGRAMS A RING PLANT FPARATION CHEMISTRY	OND SCIFNCE INGTON ST UNIVERSITY, WASHINGTON 1	14	m	ORESTRY CAL BERKELEY. CALIFORNIA 14 9 18 3 IFF PROGRAM DESCRIPTION INCLUDES WILDLAND RESOURCE SCIENCE.	OREST AND WOOD SCI. RADO STATE UNIVERSITY. COLOPADO IEF PROGRAM DESCRIPTION PPOGRAMS ARE OFFERED IN SILVICULTURE FOREST ECONOMICS & MARKETING. FOREST REGIONAL RESOURCE PLANNING. NATURE R ANATOMY. WOOD CHEMISTRY & WOOD ENGIN
NAME OF PROGRAM/ INSTITUTION	UTAH STATE UNIVERSITY, UTAH	BRIEF PROGRAM DESCRIPTION STUDIES IN BIOCHFMICAL. STORAGE. PROGRAMS ARE AL MANUFACTURING PLANTS. TE CAREER PREPARATION FOR F	WASHINGTON ST UNIVERSITY, WASHINGTON OF 1 0 1 4 6 1 1 6 1 1 6 1 1 6 1 1 6 1 1 6 1 1 1 6 1	TOTAL	COUNT	FORESTRY U OF CAL BERKELEY. CALIFORNIA 14 9 RRIFF PROGRAM DESCRIPTION INCLUDES WILDLAND RESOURC	FOREST AND WOOD SCI. COLORADO STATE UNIVERSITY. COLORADO 12 2 16 BRIEF PROGRAM DESCRIPTION PPOGRAMS ARE OFFERED IN SILVICU FOREST ECONOMICS & MARKETING. FI REGIONAL RESOURCE PLANNING. NAT ANATOMY. WOOD CHEMISTRY & WOOD
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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GPADUATE ENPOLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	B 83 35 118 PRINCIPLES OF RESOURCE WANAGEMENT GENEPAL COLLEGE REQUIREMENT OF HAS ITS OWN RESEARCH ORGANIPATION. ARF INCLUDED IN 0114-FORESTRY.	10 2 7 2 9 2 40 17 57 57 US FIELDS OF FORESTRY & PLANT SCIENCF. INVOLVES INVESTIGATION & TECHNICAL SUBJECTS & PFOUTRES A CREATIVE CONTRIBUTION TO IMPORTANT THESIS DEGREE. GRADUATES ARE EMPLOYED IN HIGHER EDUCATION.	70 DUCTS, FOR CONOMICS, EST GENETI		42 11 36 14 60 R 182 68 SCIENCES: BIOLOGICAL SCIENCES: OP WOOD & PAPER. OTHER TO PARTICULAR GRADUATE NFEDS. PRERFO.S FOR ADMISSION TION OF RECOGNIZED STANDING. HIGH ACADEMIC PERFORMANCE.
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DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	Z AN UNC ECTALIZA HE DOCTO	2 DS OF F	3 FOREST E TOREST SCIENCE	13 3 12 MANAGEMENT, AND S ARE PREPARED IN APPROPRIATE F	11 IENCES1 D PARTIC
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1973-74 MAST DOCT	ORESTRY IR IR IR IF PROGRAM DESCRIPTION DOCTORAL CANDIDATES ARE REQUIRED TO IN AREAS OTHER THAN THAT CHOSEN AS PROFICIENCY IN A FOREIGN LANGUAGE F THE FOREST. WILDLIFE AND RANGE EXPE	ONTANA, MONTANA 4 1 5 4 10 2 7 2 9 2 40 DESCRIPTION TRAINING IN THE VARIOUS FIELDS OF FORFSTRY & PLANT SCIENCF, INV COMPLEX SCIENTIFIC & TECHNICAL SUBJECTS & PFOUIRES A CREATIVE THESE FIELDS, IT IS A THESIS DEGREE, GRADUATES ARE EMPLOYFD IN & INDUSTRY, GRE IS REQUIRED.	ON STATE UNIVERSITY, ORFGON 24 9 20 8 17 3 24 2 26 6 70 TEF PROGRAM DESCRIPTION DOCTORAL PROGRAMS IN FOUR DEPARTMENTS—FORFST ENGINEERING, FOREST PRODUCTS, FOREST FOREST SCIENCE INCLUDE—FOREST HYDPOLOGY, FOREST MANAGEMENT, FOREST ECONOMICS, AND JOINTPROGRAM IN RESOURCE ECONOMICS, WOOD SCIENCE, FOREST ECOLOGY, FOREST GENETICS, PHYSIOLOGY, ANDSILVICULTURE,	H STATE UNIVERSITY, UTAM H STATE UNIVERSITY, UTAM O RIEF PROGRAM DESCRIPTION FORESTRY, FOREST ECOLOGY, WATERSHED MANAGEMENT, AND ADMINISTRATION, GRADS ARE PREPARED GOVERNMENT, PREPARED	ORESTRY 32 12 44 9 42 11 36 14 60 R 182 68 250 IEF DROGRAM DESCRIPTION SPECIALIZATIONS: MANAGEMENT & SOCIAL SCIENCES! OP WOOD & PAPER, OTHER SPECIAL SPECIALIZATIONS: MANAGEMENT & SOCIAL SCIENCES! BIOLOGICAL SCIENCES! OP WOOD & PAPER, OTHER SPECIAL SPECIALIZATIONS: MANAGEMENT & SOCIAL SCIENCES! BIOLOGICAL SCIENCES! OP WOOD & PAPER, OTHER SPECIAL SPECIALIZATIONS: MANAGEMENT & SOCIAL SCIENCES! BIOLOGICAL SCIENCES! OP WOOD & PAPER SPECIALIZATIONS: MANAGEMENT & SOCIAL SCIENCE IN THE SPECIALIZED STANDING, HIGH ACADEMIC PERFORMANCE IN THE JUNIOR & SENIOR YEARS OF COLLEGE WORK.
NAME OF PROGRAM/ INSTITUTION	FORESTRY UNIVERSITY OF IDAHO, IDAHO 18 7 RRIEF PROGRAM DESCRIPTION DOCTORAL CANDIDATES ARE IN AREAS OTHER THAN THA PROFICIENCY IN A FOREIGHTE AND THE FOREST, WILDLIFE AND	FORESTRY UNIVERSITY OF MONTANA, MONTANA 4 1 8RIFF PROGRAM DESCRIPTION SPECIALIZED TRAINING IN TH ANALYSIS OF COMPLEX SCIENT PROBLEMS IN THESE FIELDS, SOVERNMENT & INDUSTRY, GR	FORESTRY OREGON STATE UNIVERSITY, OREGON 24 9 2 BRIEF PROGRAM DESCRIPTION DOCTORAL PROGRAMS IN FOUR DI FOREST SCIENCE INCLUDEFOR JOINTPROGRAM IN PESOUPCE EC	FORFST SCIENCE AND OUTDOOUTAH STATE UNIVERSITY. UTAH 0 0 BRIFF PROGRAW DESCRIPTION FOREST ECOLOGY MANAGEMENT. AND ADMINIST GOVERNMENT. PREREGS: MAS	FORESTRY UNIVERSITY OF WASHINGTON, WASHINGTON 32 12 44 BRIEF PROGRAM DESCRIPTION SPECIAL LYATIONS: MANAGEMENT & SOPE PROGRAMS CAN BE DEVELOPED IN RESIDENCALAUREATE DEGREE FROM AN INSTANTOR & SENIOR YEARS OF COLLEGE
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

**** EARNED DEGREES CONFERPED **** 4 1974-75 1975-76 1976-77 1977-78 GPADUATF ENROLLMENT 1977-78 CFILING ON LEVEL CT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FUROLLMENT REACHED		ESOURCES MANAGEMENT CAL REPRELEY. CALIFORNIA 0 0 0 0 1 0 2 0 0 6 0 6 IFF PROGRAM DESCRIPTION INCLUDES! ECOSYSTEMS, ENVIRONMENTAL PLANNING SYSTEMS, & FCOLOGY.	ATERSHED SCIENCE STATE UNIVERSITY. UTAH 3 0 2 1 5 0 3 0 9 0 STATE UNIVERSITY. UTAH 3 0 2 1 5 0 3 0 9 0 STATE UNIVERSITY. UTAH 3 0 2 1 5 0 3 0 9 0 STATE UNIVERSITY. UTAH 3 0 2 1 5 0 3 0 9 0 STATE UNIVERSITY. UTAH SOURCE AREAS FOR WATER SUPPLIES, DEFINING IMPACTS ON SMALL WATERSHEDS OF TIMBER SOURCE AREAS FOR WATER SUPPLIES, DEFINING IMPACTS ON SMALL WATERSHEDS OF TIMBER TO WATER SUPPLIES, DEFINING IMPACTS ON PROBLEM STATEMENT THROUGH FEDERAL AGENCIES, MUST QUALIFY AS CONSULTING, TEACHING, RESEARCH, OR LAND MANAGEMENT THROUGH FEDERAL AGENCIES, MUST QUALIFY AS HYDROLOGIST UNDER U.S. CIVIL SERVICE, PREREOS: ACCEPTABLE GPA & GRE SCORES, APPROPRIATE COURSES IN MATH, ENGINEERING, SOILS, NATURAL RESOURCES, GEOLOGY & HYDROLOGY.	0 2 1 3 2 9 0 6 17		ORNIA 7 2 1 1 4 2 0 0 14 0 14 YES NO	
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

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*** 77 0CT		WATERSHED HYDROLOGY, NATURAL RESOURCE RECREATION, FOREST RESOURCE ANGE SCIENCE, APPLICANTS SHOULD NORMALLY HAVE COMPLETED AN MANAGEMENT, RANGE MANAGEMENT, NATURAL RESOURCE RECREATION OR OLOGICAL, PHYSICAL, AND SOCIAL SCIENCES FOUTVALENT TO THAT REGUIR UNIVERSITY OF ARIZONA.	×	2	IENT OF ANIMAL SCIENCE, PROGRAMS INTEGRATE PLANT. SOIL. AND LES OF ECOLOGY AND RESOURCEMANAGEMENT TO PREPARE PEOPLE FOR THERE ARE CONTINUING RESFARCH PROGRAMS IN THE AREAS OF RANGELAND PPLICATION OF REMOTE SENSING TO RESOURCE ANALYSIS AND WATERSHED RCH OPPORTUNITIES.	3 4 4 15 1 17 2 OLOGY AND ECOLOGY, RANGE ECONOMICS, RANGE ANIMAL NUTRITION, HED SCIENCE, AND ARID LAND REHARILITATION, THESES AND DISSER
DEGREES CONFERRED 1975-76 1976-		1 3 2 1 WATERSHED HYDROLOGY, NA ANGE SCIENCE, APPLICANT MANAGEMENT, RANGE MANA DLOGICAL, PHYSICAL, AND UNIVERSITY OF ARIZONA,	1 6 9 4 AS SYSTEMS FION & ECOPH		ENT OF ANIMAL SCIF LES OF ECOLOGY AND THERE ARE CONTINUI PLICATION OF REMOT RCH OPPORTUNITIES.	4 4 1 AND ECOLOGY TENCE, AND
		0° C) ► L!	lai •		DEPARTMENT OF PRINCIPLES OF FIELD. THERE A THE APPLICATI IL PESEARCH OPP	3 YSIOLOGY / ERSHED SCI
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1973-74 MAST DOCT	-	EMENT A DESCRIPT ONS ARE A FOREST SC ITF MAJOR ITH TPAINI HELOR'S D	UNIVEPSIT A DESCRIPT AY PURSUE S. ECOLOG	SOURCES IIVERSITY. 0 DESCRIPT	THROUGH ENCES WITH IL WORKIN INIMAL ECO	FRSTTY. U. T. DESCRIPT RAISEMENT.
HEGIS NAME OF PROGRAM/ 1973-	COUNT	RANGE MANAGEMENT UNIVERSITY OF ARIZONA, ARIZONA 3 0 9 7 ARIZONA, ARIZONA, ARIZONA, ARIZONA ON THE PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILABLE IN WATERSHED HYDROLOGY, NATURAL RESOURCE RECREATION, FOREST RECONOMICS, FOREST SCIENCE, AND RANGE SCIENCE, APPLICANTS SHOULD NORMALLY HAVE COMPLETED AN ECONOMICS, FOREST SCIENCE, AND RANGEMENT, RANGE MANAGEMENT, NATURAL RESOURCE RECREATION FORESTRY WITH TPAINING IN THE BIOLOGICAL, PHYSICAL, AND SOCIAL SCIENCES FOUTVALENT TO THAT FOR THE BACHELOR'S DEGREE AT THE UNIVERSITY OF ARIZONA.	RANGE SCIENCE COLORADO STATE UNIVERSITY. COLORADO BREE PROGRAM DESCRIPTION STUDENTS MAY PURSUE BROAD STUDIE SUCHAS SOILS. ECOLOGY. BIOMETRY.	RANGELAND RESOURCES OREGON STATE UNIVERSITY, OREGON 0 0 0 RATEF PROGRAM DESCRIPTION	ADMINISTERED THROUGH THE DEPARTMENT OF ANIMAL SCIENCE, PROGRAMS INTEGRATE PLANT, SOIL, AND ANIMAL-SCIENCES WITH THE PRINCIPLES OF ECOLOGY AND RESOURCEMANAGEMENT TO PREPARE PEOPLE FOR PROFESSIONAL WORKIN THIS FIELD, THERE ARE CONTINUING RESFARCH PROGRAMS IN THE AREAS OF RANGELA PLANT AND ANIMAL ECOLOGY, THE APPLICATION OF REMOTE SENSING TO RESOURCE ANALYSIS AND WATERSHED SCIENCE PROVIDE ADDITIONAL PESEARCH OPPOPTUNITIES.	PANGE SCIENCE UTAH STATE UNIVERSITY. UTAH 7 5 9 3 4 4 15 1 17 2 BRIFF PROGRAM DESCRIPTION PANGE MANAGEMENT. RANGE ECOPHYSIOLOGY AND ECOLOGY. RANGE ECONOMICS, RANGE ANIMAL NUTRITION. GAME-PANGE RELATIONSHIPS, WATERSHED SCIENCE, AND ARID LAND REHABILITATION. THESES AND DISSERTATIONS GENERALLY REQUIRE FIELD RESEARCH. CAREER PREPARATION FOR TEACHING AND RESFARCH. FNVIRONMENTAL
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WICHE DOCTORAL PROSPAM INVENTORY

HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	*** 1-74 00CT	*** EARNFI 1974-75 MAST DOCT	ARNED -75 DOCT	DEGREES CO 1975-76 MAST DOCT	S CON	***** EARNED DEGREES CONFERRED ***** 1974-75 1975-76 1976-77 1 T MAST DOCT MAST DOCT MA	*****	1977-78 MAST DOCT		GPADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	1977-7R TOTAL	MANDATORY CFTLING ON FNROLLMENT	CEILING LEVEL REACHFD
0117	RANGE MANAGEMENT ONIVERSITY OF WYOMING. WYOMING BRIEF PROGRAM DESCRIPTION RESEARCH PRORLEMS ARE STUDIES FACILITIES. CANDIDATES ARE ITOOLS/LANGUAGE REQUIREMENTS.	MENT YOMING. PESCRI ORLEMS CANDI	MYOM 2 PTION ARE SI DATES	ING 5 TUDIES ARE RI	1 AT MA EQUIRE	I VN UNI	1 IVERSI TAKE 1	9 TV FARMS	S OR I	B 4 N LAROP HOURS B	ATORIES A	ERSITY OF WYOMING. WYOMING ERSITY OF WYOMING. WYOMING 1. 1 1 2 2 8 4 IEF PROGRAM DESCRIPTION RESEARCH PROBLEMS ARE STUDIES AT MANY UNIVERSITY FARMS OR IN LAROPATORIES AND GREEN HOUSE FACILITIES. CANDIDATES ARE REQUIRED TO TAKE 12 ADDITIONAL HOURS BEYOND THEIR COURSE WORK TO FULFILL TOOLS/LANGUAGE REQUIREMENTS.	27 SE TO FUI	NO FILL	N A
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2 2 4 1 9 1 20 14 34 34 STUDENTS ARE PERMITTED TO CONCENTRATE IN PLANT BREEDING AND PATHOLOGY AND WEFD SCIFNCE WITHIN THE AREAS OF HORTICULTURE,	LANT SCIENCE STATE UNIVERSITY, UTAH 7 0 3 2 4 0 5 1 IFF PROGRAM DESCRIPTION PROGRAM IN PLANT SCIENCE AND PLANT ECOLOGY WITH EMPHASES IN PLANT NUTRITION. CROP MGT., PLANT BREEDING, AND CROP PHYSIOLOGY OF AGRONOMIC AND HORTICULTUPAL CROPS. CAREER PREPAPATION FOR RESEARCH, TEACHING, AND EXTENSION WITH EMPLOYMENT IN UNIVERSITIES, PRIVATE COMPANIES OR MAJOR CORPORATIONS. FIELD: ACCEPTABLE OFF TO THE SPECIFIC
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PLANT SCIENCE UNIVERSITY OF IDAHO. IDAHO 1 3 6 2 BRIEF PROGRAM DESCRIPTION UNDER THE MAJOR IN PLANT SCIENCE. GENETICS. PLANT PHYSIOLOGY. PLANT AGRONOMY AND PLANT PATHOLOGY.	PLANT SCIENCE UTAH STATE UNIVERSITY, UTAH BRIFF PROGRAM DESCRIPTION PROGRAM IN PLANT SCIENCE AND FEACH OF THE EMPLY OF THE BROTALL CHEMISTRY, BOTALL FOR SCIENCE AND FACTORES.
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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

HEG15 CODE	NAME OF PROGRAM/ INSTITUTION	** 1973-74 MAST DOCT	**** EARNED 1974-75 T MAST DOCT		DEGREES CC 1975-76 MAST DOCT	DEGREES CONFERRED * 1975-76 1976-77 MAST DOCT MAST DOCT	*** 77 0CT	1977-78 MAST DOCT		DUATE E	GRADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAI	1977-78 TOTAL	MANDATORY CFILING ON ENROLLMENT	CETLING LEVEL REACHFD
	COUNT	~												
0175	FISHERIES UNIVERSITY OF WASHINGTON, WASHINGTON BRIFF PROGRAM DESCRIPTION SPECIALIZATION IN FISHERY SCIENCE OR IN FOOD SCIENCE, AGFAS WITHIN FISHERY SCIENCE INCLUDE FI BEHAVIOR, FISH PHYSIOLOGY, FISH TAXONOMY, POPULATION DYNAMICS, MANAGEMENT OF FRESHWATER & MARINE FISHERIES, ECOLOGY & LIFE HISTORY OF FISHES, INVERTEBRATE FISHERIES, INVERTEBRATE PATHOLOGY & WASHING OUBLITY STUDIES, FOOD SCIENCE SPECIALIZATIONS IN THE CHEMISTRY, MICRORIOLOGY OR RIOCHEMISTRY OF IN ADVANCED STUDY OF FOOD PROCESSING METHODS.	ASHINGTON, 22 7 DESCRIPTIO 10N IN FISH SH PHYSIOLC COLOGY & LI DIES, FOOD ED STUDY 0	NGTON, WASHINGTON 22 7 30 13 19 10 SCRIPTION IN FISHERY SCIENCE OR IN FOOD SCIT PHYSIOLOGY, FISH TAXONOMY, POPULATIO 167 & LIFE HISTORY OF FISHES, INVER 3, FOOD SCIENCE SPECIALIZATIONS IN STUDY OF FOOD PROCESSING METHODS.	e mx mo	19 10 IN FOOD Y.POPULA ISHES.IN IZATIONS	19 10 28 5 37 11 130 OR IN FOOD SCIENCE, ARFAS WITHIN FICHERY SCIE ONOMY, POPULATION DYNAMICS, MANAGFMENT OF FRESH OF FISHES, INVERTEBRATE FISHERIES, INVERTERRATE CIALIZATIONS IN THE CHEMISTRY, MICROBIOLOGY OR ESSING METHODS.	S APFAS	37 1 MANAGESHERIES	11 12 13 IN FICHE OF S. INVERTICENT OF ILCROBIOL	130 HERY SCI OF FRESH RTERRATE OLOGY OF	19 10 28 5 37 11 130 78 208 OR IN FOOD SCIENCE, ARFAS WITHIN FICHERY SCIENCE INCLUDE FISH NOMY, POPULATION DYNAMICS, MANAGEMENT OF FRESHWATER & MARINE OF FISHES, INVERTEBRATE FISHERIES, INVERTEBRATE PATHOLOGY & WATER STALIZATIONS IN THE CHEMISTRY, MICROBIOLOGY OR RIOCHEMISTRY OF FOODS	208 JDE FISH ARINE G WATER	ON 2000.	N A
0175	TOTAL	22 7	30	E1	19 10	2	w	37 1	=	130	78	208		
0199	COUNT WILDLIFF 810	, Lo6Y												
	U OF ALASKA FATRANKS, ALASKA 0 0 0 0 0 2 2 0 0 0 0 2 RRIEF PROGRAM DESCRIPTION INDIVIDUALIZED PROGRAMS AFFORD SPECIALIZED RESEARCH OPPORTUNITIFS ON RIOLOGICAL PHENOMENA UNDEPLYING THE PROBLEMS OF WILDLIFF MANAGEMENT, ESPECIALLY THOSE PHENOMENA UNIQUE TO THE ARCTIC AND SUB-ARCTIC. CAREFR PREP, FOR RESEARCH OR AGENCY ADMINISTRATION.	RRANKS, ALA 0 0 0 DESCRIPTIO ZED PROGRAM S OF WILDLI	SKA 0 IN IS AFFORD FF MANAGE	SPECIAL MENT. E FNCY AL	0 2 0 ALIZED RESEARCH ESPECIALLY THO ADMINISTRATION.	O SEARCH LY THOS	OPPORTU	O JNITIFS	ON BIC	7 DLOGICA FO THE	20 L PHENOMER ARCTIC AND	27 MA UNDEPLYING SUB-ARCTIC	NO YING	N N
	WATERSHED MANAGEMENT UNIVERSITY OF ARIZONA, ARIZONA S 4 15 7 11 2 13 3 8 4 28 16 44 BRIEF PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILABLE IN WATERSHED HYDROLOGY, NATURAL RESOURCE RECREATION, FOREST RESOURCE ECONOMICS, FOREST SCIENCE, AND RANGE SCIENCE, APPLICANTS SHOULD NORMAILY HAVE COMPLETED AN UNDERGRADUATE MAJOR IN WATERSHED MANAGEMENT, RANGE MANAGEMENT, NATURAL RESOURCE RECREATION OR FORESTRY WITH TRAINING IN THE BIOLOGICAL, PHYSICAL, AND SOCIAL SCIENCES FOUTVALENT TO THAT REQUIRE FORESTRY WITH TRAINING IN THE UNIVERSITY OF ARIZONA.	NAGEMENT RIZONA, ARI S 4 DESCRIPTIO ONS ARE AVA FOREST SCIE TF MAJOR IN TH TRAINING HELOR'S DEG	70NA 15 11 LABLE IN NCE, AND WATERSHE IN THE B	WATERS PANGE S D MANAGE TOLOGIC	11 2 SHED HYD SCIENCE. GEMENT. CAL. PHY	13 ROLOGY• APPLIC RANGF M SICAL•	3 NATURA ANTS SE ANASEME NA. SOC	B AL RFSO HOULD N ENT+ NA	URCE RETORNALLY	28 ECREATI Y HAVE PRSOURC	11 2 13 3 8 4 28 16 44 ATERSMED HYDROLOGY, NATURAL RESOURCE RECREATION, FOREST RESOURCE. NGE SCIENCE, APPLICANTS SHOULD NORMAILY HAVE COMPLETED AN MANAGEMENT, RANGE MANAGEMENT, NATURAL RESOURCE RECREATION OR LOGICAL, PHYSICAL, AND SOCIAL SCIENCES FOUTVALENT TO THAT REQUIRED UNIVERSITY OF ARIZONA.	44 AN OR ON OR	۳. تا ۳. تا	Z

WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS	HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE	CULTURE &	NAT	URAL	RESOU	RCE										
HEGTS CODE	NAME OF PROGRAM/ INSTITUTION	**** EARNE 1973-74 1974-75 MAST DOCT MAST DOCT	* *	**** EARNED 1974-75 T MAST DOCT	RNED 75 0CT	DEGREES CONTRACTOR NAST DOCT	ES CO -76 DOCT	DEGREES CONFERRED * 1975-76 1976-77 MAST DOCT MAST DOCT	2 6	***** 1977-78	-78 DOCT	GRADUATE FULL-TIME	GRADUATE ENPOLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	1977-78 TOTAL	MANDATORY CFILING ON ENROLLMENT	CEILING LFVFL REACHFD
0199	AGRIC. CHEM. U OF CAL BFRKFLEY. CALIFORNIA 0 0	V. CALIFO	ORNIA 0	0	0	0	-	c	0	0	0	~	0	٨	YES	C
	WOOL SCIENCE UNIVERSITY OF WYOMING. WYOMING 1 0 0 0 BRIFF PROGRAM DESCRIPTION SPECIALIZATION IN BREEDING AND NUTRITION. PROCESSING LABORATORY. CANDIDATES MAY CHOUSE AND AN APPROVED TOOL. OR PRESENT	MING. WY 1 1 0ESCRIPTI 1N IN BRE 1BORATORY AN APPR	COMING 0 0 100 FEDIN	G 0 G AND ANDID TOOL	LL LL	O MAY C	0 HOOSE NT 18	CILITI TO HA SEMFS	ES IN VE PR	0 CLUDE ADIND NURS C	SEMI-	COMMERCIÂL FOGF OF TW AROVE MIN	0 0 0 0 2 (ITION, FACILITIES INCLUDE SEMI-COMMERCIÂL SCOURING AND MAY CHOOSE TO HAVE READIND KNOWLFDGF OF TWO LANGUAGES, OR ONE PRESENT 18 SEMFSTER HOURS CREDIT AROVE MINIMUM REQUIRED OF ALL	ND 2. OR ONE	CC	Z A
0199	CANDIDATES.	æ	4	12	10	=======================================	ហ	13	m	21	4	37	9.8	129		
	COLINT	ហ														
CATEGO	CATEGORY TOTAL	453 23	231	503 204	204	509	201	594	188	656	192	1600	461	2991		

COUNT

WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 0200 ENVIRONMENTAL DESIGN

HEGIS	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	197 MAST	***** EARNED 1974-75 T MAST DOCT	DEGREES C 1975-76 MAST DOCT	S CON	DEGREES CONFERRED * 1975-76 1975-77 MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST MAST	*** 77 0CT	** 1977-78 MAST DOCT		GRADUATE E FULL-TIME	GRADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	1977-7R	MANDATORY CFTLING ON FNROLLMENT	CETLING LEVEL REACHED
2020	ARCHITECTURE U OF CAL BERKELEY, CALIFORNIA 106 3	EV. CALIFORN	NIA 86	•	96	4	87	m	0	0	205	0	205	YES	S
0202	TOTAL														
		106 3	96	c	96	4	87	m	0	0	202	c	202		
	COUNT														
		-													
0206	CITY & REGIONAL U OF CAL BFRKELEY.	VAL PLAN. EY. CALIFORNIA	ATA 40	ស	30	۲	52	ľ	0	0	104	0	104	YES	Š
	URBAN AND REGIONAL PLANNING U OF SOUTHFRN CALIFORNIA, CALIFORNIA 33 0 29	SIONAL PLANN ALIFORNIA, C	NTNG CAL IFOR	RNIA	31	0	20	0	22	0			5	QN	N N
	BRIEF PROGRAM DESCRIPTION OUANTITATIVE ANALYSIS IN TRANSPORTATION. CRIMINALJUSTICF. HOUSING. URBAN DESIGN. COMMUNITY DEVELOPMENT. INTERNATIONAL PLANNING. PREREQUISITES: GRE APTITUDF. MASTER'S DEGREF IN PLANNING RELATED FIELD.	DESCRIPTION ANALYSIS INTERNATION	IN TRA	NSPORTI LANNING	TION.	CRIMI	NAL JUS ITES:	TICE.	HOUSIN	76. U	RBAN DES	IGN. COMMUN EGRFF IN PL	ITY ANNING OR		
	URBAN PLANNING UNIVERSITY OF WASHINGTON - WASHINGTON	VG ASHINGTON. W	WASHING 23	GTON 4	22	N	15	^	25	'n	61	80	60	ON.	N
	BRIFF PROGRAM DESCRIPTION THE PH.D. PROGRAM OFFERS PREPARATION FOR A CAREER HAD FIFLD EXPERIENCE IN SOME PROFESSIONAL WORK, NOT MASTERS OR THE EQUIVALENT.	PROGRAM DESCRIPTION PH.D. PROGRAM OFFERS PREPARATION FOR FIFLD EXPERIFNCE IN SOME PROFESSIONAL FERS OR THE EQUIVALENT.	RS PRE	PARATIC	SSTONAL	A CAR WORK	Arrest	N TFAC	A CAREER IN TEACHING & WORK, NOT NECESSARILY		RESEANCH. DI	RESEARCH. DOCTORAL STUDENTS HAVE PLANNING. & VIRTUALLY ALL HAVE A	DENTS HAV		
0206	TOTAL	94 14	26	•	83	6	87	-	7.7	ru L	165	28	554		

HEGIS CATEGORY: 0200 ENVIRONMENTAL DESIGN

CETLING	LEVEL	REACHED
MANDATORY CETLING	CFILING ON	FNROLLMENT
	1975-76 1976-77 1977-78 GRADUATF FNROLLMFNT 1977-78 CFILING ON LEVFL	MAST DOCT MAST DOCT MAST DOCT FILL-TIME PART-TIME TOTAL ENROLLMENT REACHED
* * *	1977-7R	MAST DOCT
NFERRED **	1976-77	MAST DOCT
DEGREES CONFERRED ****	1975-76	MAST DOCT
**** EARNED		MAST DOCT
*	1973-74 1974-75	MAST DOCT
	NAME OF PROGRAM/	INSTITUTION
	HEGIS	CODE

COUNT

9	C Z				
			15.		
	181	THE PLANNING PROGRAM OFFERS THE M.A. AND THE PH.D. IN URBAN PLANNING. STUDENTS MAY ELECT ONE OF	FIVE AREAS OF POLICY CONCENTRATION: UPBAN AND REGIONAL DEVELOPMENT POLICY; PUBLIC SERVICE SYSTEMS.	SOCIAL DEVELOPMENT POLICY, ENVIRONMENTAL PLANNING AND MANAGEMENT, AND URBAN DESIGN. STUDFNTS MAY	
		FLECT	SERVI	STUDE	S.
		IS MAY	PUBL IC	SIGN.	4EMBER
		TUDEN	TCY. F	PRAN DE	ALSO CPEATE THEIR OWN CONCENTRATION IN CONSULTATION WITH APPROPRIATE FACULTY MEMBERS.
		G. S	POL	D OR	FAC
•	t	ANNIN	DAMENT	LT. AN	PRIATE
i	4 15 5 54	PAN PI	DEVEL	AGEME	APPRO
•	₹0	IN UR	NAL	JO MAN	WITH
ŕ	42	H.D.	REG10	ING AN	ATION
c	N	THE PI	U AND	PLANN	NSULT
í	53	AND	UPBA	NTAL	IN CO
	V	M.A.	TION:	RONME	LION
A I	\$2	RS THE	CENTRA	• ENVI	CENTRA
LIFORI	I ON	OFFE	Y CON	OLICY	NCO N
ING S+ CA	BRIEF PROGRAM DESCRIPTION	OGRAM	POLIC	ENT P	IR OW
PLANN	A DES	JG PR	S OF	LOPM	THE
BAN B	OGRAN	ANNI	AREA	DEVE	PEATE
APCH-URBAN PLANNING F CAL LOS ANGELES. (EF PR	HF PL	IVE	OCIAL	057
APCH-URBAN PLANNING U OF CAL LOS ANGELES, CALIFORNIA	BRI	-	la.	5	A
6620					

NVA

0299 TOTAL

COUNT

COUNT

CATEGORY TOTAL

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HEGIS CATEGORY: 0300 AREA STUDIES

CETLING LEVEL REACHED	A A	o _Z	Z Z			° Z	4 2
MANDATORY CFILING ON L	ç	YES	° z			YES	C
	R9 AND MORT	245		334		9.0	
GRADUATE ENROLLMENT 1977-79 F'ILL-TIME PART-TIME TOTAL	34 R9 MIDDLE EAST AND MORTH LANGUAGE AND	o		9 4		0	
GRADUATE EI FILL-TIME	21 0 18 0 18 2 55 3. GUAGES, CULTURES, AND CIVILIZATIONS OF THE MIDDLE AND JAPAN. CONCENTRATIONS ARE AVAILABLE IN LANGU.	2. 7.		300		02	
	Z ZATIO F AVA EPN)		c	~		0	0
1977-78 MAST POCT	18 SIVILI INS AR	0	0	18		c	0
*	D AND C FRATIO	0	c	e		0	0
DFGREES CONFERRED * 1975-77 MAST DOCT MAST DOCT	18 TURES. CONCENT	14	0	32		4	c
Ž	0 CUL PAN.	-	0	-		-	-
DEGREES CO 1975-76 MAST DOCT	21 JGUAGES AND JA	11	c	32		-	o
***** EARNED 1974-75 T MAST DOCT	INA 29 1 IN THE LAN AN. CHINA.	A 7 0	CALIFORNIA	36		4	CALIFORNIA
1973-74 MAST DOCT	ES ZONA, ARIZO 34 0 ESCRIPTION S AVAILABLE AND PAKIST	CALIFORNI	STUDIES. C	5.	۳	N STUDIES • CALIFORNIA S	STUDIES. C
NAME OF PROGRAM/ INSTITUTION	ORIENTAL STUDIES UNIVERSITY OF ARIZONA, ARIZONA 34 0 29 1 21 0 18 2 55 34 RRIEF PROGRAM DESCRIPTION INSTRUCTION IS AVAILABLE IN THE LANGUAGES, CULTURES, AND CIVILIZATIONS OF THE MIDDLE EAST AFRICA, INDIA AND PAKISTAN, CHINA, AND JAPAN, CONCENTRATIONS ARE AVAILABLE IN LANGUAGE AND LITERATURE, HISTORY, THOUGHT AND SOCIETY (EITHER ANCIENT OR MODERN) OF THESE AREAS.	ASIAN STUDIES U OF CAL BERKELEY, CALIFORNIA 18 2	ASIAN STUDIES CAL INST OF ASIAN STUDIES. CALIFORNIA 0 0 0 1	TOTAL	COUNT	SOUTHEAST ASIAN STUDIES U OF CAL BERKFLEY, CALIFOR	SOUTHEAST ASIAN STUDIES CAL INST OF ASIAN STUDIES. CALIFORNIA
HEGTS CODE	0301			0301		0304	

	MANDATORY CETLING CFILING ON LEVEL FNROLLMENT REACHED		T				NO N/A	, NG					YES NO		
	1977-78 4E TOTAL		20				11 ING PRIMAR1	STUDENTS AS TEACH]		11			<u>ළ</u>		6.
	GRADUATE ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL		c				IZED TRAIN]	FIELD: (2) RSUITS SUCH ANSHIPS: (3) HE AREA.		6			0		c
	GRADUATE FULL-TIM		20				SSPECTAL	ITH A SPECIALFMPHASIS IN THIS PARTICULAR FIELD: WLEDGE OF ITS PEOPLFS, LANGUAGES, AND PURSUITS S RNALISM, GOVERNMENT SERVICES, OR LIBRARIANSHIPS; LANGUAGES, PEOPLES, OR INSTITUTIONS OF THE AREA.		0			m		m
	7.8 0.0.T		0				1 VIDE	UAGE S+ OF		-			c		0
	** 1977-78 MAST DOCT		0				2 M PRO	LANG PVICE INST		2			0		0
	*		c				0 ROGRA	ASIS PLFS. NT SE S. OR		0			0		0
	DEGREES CONFERRED ** 1975-76 1976-77 MAST DOCT MAST DOCT		4				O THE P	CIALFMPH ITS PEO GOVERNME		c			0		c
	S CO		~				2 AITTE	A SPE SE OF ISM IAGES		~			-		7
			~				AL_COM	NOWLED		2					0
	EARNED 74-75 T DOCT		0				TMENT	ATION Y A K NG. U		-			0		0
	0.0		4			A F	0 DEPAR	ENUC DED B NEFRI TUDY		0			0		0
w	# #		~			AL TFO	1 DTION INTERDEPA	VERAL 3E AT ENGTI CEO S		-			FORNT		0
A STUDIES	1973-74 MAST DOCT		rc		~	TES GELES. C	NESCRIP	ANCED GER RS WILL ' USINESS• OR ADVAN		~		-	AMERICAN STUDIES BERKELEY, CALIFORNIA 0 0		c
HEGIS CATEGORY: 0300 AREA	NAME OF PROGRAM/ INSTITUTION	TOTAL		COUNT		ISLAMIC STUDIFS	BRIEF PROGRAM DESCRIPTION ADMINISTERED BY AN INTER	FOR (1) ADVANCED GENERAL EDUCATION WITH A SPECIALFMPHASIS IN THIS PARTICULAR FIELD: (2) STUDENTS WHOSE CAREFRS WILL BE AIDED BY A KNOWLEDGE OF ITS PEOPLFS. LANGUAGES. AND PURSUITS SUCH AS TFACHING. RESEARCH. BUSINESS. ENGINEERING. JOURNALISM. GOVERNMENT SERVICES. OR LIBRARIANSHIPS: (3) STUDENTS PREPARING FOR ADVANCED STUDY IN THE LANGUAGES. PEOPLES. OR INSTITUTIONS OF THE AREA.	TOTAL		COUNT		LATIN AMERICA	TOTA	
HEGTS CATE	HEGIS NAM	0304 1				9050			0306		-0-		030A	0308	

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HEGTS	HEGIS CĂTEGORY: 0300 AREA	STUDIES													
HEG1S CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	2	** EARNED 1974-75 MAST DOCT	DEGREFS CONFERPEN 1975-76 1976- MAST DOCT MAST D	S CONFE	P C	*	** 1977-78 MAST DOCT		GRADUATE ENG FULL-TIME 6	GRADUATF ENROLLMENT 1977-78 FULL-TIMF PART-TIME TOTAL	977-78 TOTAL	MANDATORY CFILING ON ENROLLMENT	CEILING LEVEL REACHEI
	COUNT	-													
0309	MIDDLE FASTERN STUDIES U OF CAL BERKELEY. CALIFORNIA	N STUDIES Y. CALIFORI B 4		۸	'n	-	~	~	0	6	& 8	•	æ	YES	O Z
6060	TOTAL	œ		2	w	=	~	~	0	0	æ	c	er en		
	COUNT	-													
6313	AMFRICAN STUDIES U OF HAWAII AT MANOA, HAWAII 23 2 26 4 BRIFF PROGRAM DESCRIPTION CULTURAL, SOCIAL AND INSTITUTIONAL ASIAN AND PACIFIC CULTURAL MINORITI	TUDIES F MANOA, HAWAII S3 2 26 4 21 6 12 9 NM DESCRIPTION SOCIAL AND INSTITUTIONAL VALUES SHARED RY THE PACIFIC CULTURAL MINORITIES IN HAWAII AND THE	II 26 NSTITU URAL M	S 4 UTIONAL MINORIT	21 VALUES TES IN P	SHARET	AND T		X X I	ASIAND.	15 N NATIONS GRADUATES	7 2 15 25 40 11.5. WITH ASIAN NATIONS AND ON STUDY OF 11.5. MAINLAND, GRADUATES ARE PRIMARILY AMEDICAL STUDIES OF THE FOLLOWER FOR	40 UDY OF ARILY	°Z	Z Z
	STUD STSO STSO	TES IVERSITY, WASHINGTON DESCRIPTION INVOLVED BEVELOPS AS EACH CANDIDATE CONCENTRATES UPON FITHER AMFRICAN HISTORY OF THE MINORING IN THE FIELD NOT CHOSEN FOR THE MAJOR, PREREQUISITES: AROAD UNDERGRADUATE COMPLETION OF REQUIRETES: AROAD UNDERGRADUATE	WASHIN N ROGRAN N THE	NGTON NGTON NGTON NETWEI FIELD EGUIREM	O TANKE O THE I TH	2 2 2 3 3 5 5 6 7 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8	FENT O CONCE	I I NTPATE MAJOR.	O S UPON PRERE	HISTON EITH	12 RY INTEGE FR AMFRICI	DENTHE DEPARTMENT OF FNGLISH & HISTORY. INTEGRATION OF THE EACH CANDIDATE CONCENTRATES UPON FITHER AMERICAN HISTORY OR MENTS FOR THE MAJOR. PREREQUISITES: AROAD UNDERGRADUA.	16 OR DUATE	° z	Z Z

COUNT

HEGIS CATEGORY: 0300 AREA STUDIES

CEILING LEVEL REACHFD MANDATORY CFILING ON ENPOLLMENT ***** EARNED DEGREES CONFERRED *****
1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMFNT 1977-7R
MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL HEGIS NAME OF PROGRAM/

CATEGORY TOTAL

COUNT

CEILING LFVEL REACHFD	۷ ۲	A Y	Z Z	N A	Z Z
MANDATORY CFILING ON FNROLLMENT	Q *	N N HE	Q Z	o Ž	N NO
977-78 TOTAL	44 N THE USUALLY LOCATTONS ESFAPCH	5 5A BE EARNED IN ROTANY SCORES FOR BOTH THE	36 F MAY Y ITUDE AND	82 L NEGRFE L BIOLOGY.	22 THE DEGRE AND CUSTOMARY.
NROLLMENT PART-TIME	27 TIES WITHI IC. STUDY IN REMOTE	S AY BE EARN TE SCORES ATE PRFPAR	13 JLTY• THES PHYSIOLOG -E GRE APT	0 HE DOCTORA VELOPMENTA	12 MS LENDING TEACHERS IS OFTEN T RE UNDER
GRADUATF ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	OPPORTUNI SIB-ARCT IFLO STUDY SPECIFIC	53 DEGREF M VT. ADEOUA	23 DE THE FACI DLOGY. AND	RP ADING TO TI FOLOGY. DE AD VIPOLOG	1. 3 10 12 22 LOGY OFFERS PROGRAMS LENDING THE DE VIDE FOR FDUCATING TEACHERS AND LIFE SCIENCES THAN IS OFTEN CUSTOMA SPECIALIZATION MUST RE UNDERTAKEN. OR ITS EQUIVALENT.
977-78 ST DOCT	3 0 RESEARCH HE ARCTIC INVOLVES F ACKGROUND.	15 7 Y- DOCTORAL C EMPLOYMEI	5 2 D MEMBERS (T PARASITO ATHEMATICS	1 14 DR WORK LEVES CFLL B	BIOLOGY OFFERS PROGRAMS LENDING THE DEGRFF PROVIDE FOR FDUCATING TEACHERS AND THE LIFE SCIENCES THAN IS OFTEN CUSTOMARY. OF SPECIALIZATION MUST BE UNDERTAKEN. A PEE OR ITS EQUIVALENT.
*** 77 0CT	ALASKA FAIRBANKS, ALASKA ALASKA FAIRBANKS, ALASKA 3 0 4 2 3 1 1 1 3 0 17 27 44 IFF PROGRAM DESCRIPTION INDIVIDUALIZED PROGRAMS ARE ARRANGED TO PROVIDE SPECIALIZED RESEARCH OPPORTIVNITIES WITHIN THE INDIVIDUALIZED PROGRAMS ARE ARRANGED TO PROVIDE TO THE ARCTIC & SUB-ARCTIC. STUDY USUALLY CONDUCTEDIN ASSOCIATION WITH A RESEARCH LABORATORY & OFTENINVOLVES FIFLD STUDY IN REMOTE LOCATIONS. ADMISSION RED: EACH APPLICATION REVIEWED FOR STRENGTH OF BACKGROUND, SPECIFIC CAREFR & RESFARCH GOALS, ETC.CAREER PREP, DEPENDENT ON INDIVIDUAL'S GOALS.	7 1 15 3 15 7 53 5 5 58 STOLOGY OR M.S.IN RIOLOGY. DOCTORAL DEGREF MAY BE EARNED IN ROT ACADEMIC OR NON-ACADEMIC EMPLOYMENT. ADEQUATE SCORES FOR BOTH RE REQUIRED AS WELL AS PROPER UNDERGRADUATE PREPARATION AND	ERSITY OF ARIZONA, ARIZONA 3 2 10 2 3 1 13 6 5 2 23 13 3 IEF PROGRAM DESCRIPTION STUDENTS ARE EXPECTED TO SPECIALIZE IN AREAS OF INTEREST TO MEMBERS OF THE FACULTY, THESE MAY INCLUDE BOTANY, ETHNOBOTANY, GENETICS, INVERTEBRATE ZOOLOGY, PARASITOLOGY, AND PHYSIOLOGY, APPLICANTS SHOULD BE PREPARED IN CHEMISTRY, PHYSICS, AND MATHEMATICS, ACCEPTABLE GRE APTITUDE ADVANCED SCORES REQUIRED.	3 9 5 9 1 14 RP 0 STUDENT MAY PURSUE MAJOR WORK LFADING TO THE DOCTORAL RIOCHFMISTRY, BIOPHYSICS, CFLL BIOLOGY, DEVELOPMENTAL NEUROPHYSIOLOGY, PSYCHOBIOLOGY, AND VIPOLOGY.	Z 4 1 3 1. 3 10 12 22 TS. THE DEPARTMENT OF BIOLOGY OFFERS PROGRAMS LENDING THE DEGRE LOSOPHY. THE PROGRAMS PROVIDE FOR FOUCATING TEACHERS AND UNIFIED APPROACH TO THE LIFE SCIENCES THAN IS OFTEN CUSTOMARY. A CONSIDERABLE DEGREEOF SPECIALIZATION MUST RE UNDERTAKEN. A MASTER OF SCIENCE DEGREE OR ITS EQUIVALENT.
DEGREFS CONFERRED 1975-76 1976- MAST DOCT MAST D	ALASKA FAIRBANKS, ALASKA ALASKA FAIRBANKS, ALASKA 3 0 4 2 3 1 1 1 IFF PROGRAM DESCRIPTION INDIVIDUALIZED PROGRAMS ARE ARRANGED TO PROVIDE SPECIALT FIELDOF BIOLOGY, & ESPECIALLY THOSE PHENOMENA UNIQUE TO CONDUCTEDIN ASSOCIATION WITH A RESEARCH LABORATORY & OFT ADMISSION REO: EACH APPLICATION REVIFWED FOR STRENGTH OF GOALS, ETC.CAREER PREP. DEPENDENT ON INDIVIDUAL'S GOALS.	7 1 OGY OR M.S. DFMIC OR NO	AREAS OF INVERTEBRA	3 9 UDFNT MAY F OCHFMISTRY UROPHYSIOL	LINDA UNIVERSITY, CALIFORNIA. LINDA UNIVERSITY, CALIFORNIA. 1. 2 4 1 3 1. 2 4 1 3 1. 2 4 1 3 1. COOPERATION WITH OTHER DEPARTMENTS, THE DEPARTMENT OF OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY, THE PROGRAMS OF MASTER OF AROADER AND MORE UNIFIED APPROACH TO TINDEPENDENT RESEARCH & COURSE WORK; A CONSIDERABLE DEGREE OCCORAL CANDIDATE MUST COMPLETE A MASTER OF SCIENCE DEGREE
0	RRANGED TO THOSE PHE A RESEARCH ON REVIEWE	1 G OF B ITHER THE GR	2 STALIZE IN GENETICS. IN CHEMIS	10 ON. A INES: LOGY.	DE PHILL WORK*
**************************************	ALASKA 10 4 TION RAMS ARE A TION WITH APPLICATI	Y, ARIZONA 2 26 TION HE TFACHIN TION FOR E OLOGY AND	ARIZONA 2 10 TION ED TO SPEC NOBOTANY. E PREPARED	CALIFORNI 13 1 110N PECIALIZAT ING DISCIF	CALIFORNIA TION OTHER DEF ND DOCTOR RROADER AN H & COURSE
** / 1973-74 MAST DOCT	ALASKA FAIRBANKS. ALASKA ALASKA FAIRBANKS. ALASKA O 4 2 IFF PROGRAM DESCRIPTION INDIVIDUALIZED PROGRAMS ARE ARRANGE FIELDOF BIOLOGY. & ESPECIALLY THOSE CONDUCTEDIN ASSOCIATION WITH A RESE ADMISSION REO: EACH APPLICATION REY GOALS. ETC.CAREER PREP. DEPENDENT O	HERN ARIZ UNIVERSITY, ARIZONA 20 2 26 1 IEF PROGRAM DESCRIPTION MASTERS DEGREE IN THE TFACHING OF B OR ZOOLOGY, PREPARATION FOR EITHER ADVANCED TEST IN BIOLOGY AND THE GR	ENFRAL BIOLOGY BRIZONA, ARIZONA 1F PROGRAM DESCRIPTION STUDENTS ARE EXPECTED TO SPECIALIZE INCLUDE BOTANY, ETHNOBOTANY, GENETI APPLICANTS SHOULD BE PREPARED IN CH	INST OF TECHNOLOGY, CALIFORNIA INST OF TECHNOLOGY, CALIFORNIA 13 1 10 REF PROGRAM DESCRIPTION MAJOR SUBJECTS OF SPECIALIZATION, A INANY OF THE FOLLOWING DISCIPLINES: GENETICS, IMMUNOLOGY, NEUROBIOLOGY,	LINDA UNIVERSITY. CALIFORNIA. LINDA UNIVERSITY. CALIFORNIA. LEF PROGRAM DESCRIPTION IN COOPERATION WITH OTHER DEPARTMEN OF MASTER OF ARTS AND DOCTOR OF PHI RESEARCHERS WITH A BROADER AND MORE INDEPENDENT RESEARCH & COURSE WORK;
NAME OF PROGRAM/ INSTITUTION	BIOLOGY U OF ALASKA FAIRBANKS, ALASKA 3 0 BRIFF PROGRAM DESCRIPTION INDIVIDUALIZED PROGRAMS ALASKA FIELDOF BIOLOGY, & ESPECT CONDUCTEDIN ASSOCIATION WADMISSION REO: EACH APPLI GOALS, ETC.CAREFR PREP. DI	RIOLOGY NORTHERN ARIZ UNIVERSITY, ARIZONA 20	GENFRAL BIOLOGY UNIVERSITY OF ARIZONA, ARIZONA 3 2 BRIEF PROGRAM DESCRIPTION STUDENTS ARE EXPECTED TO SINCLUDE BOTANY, ETHNOBOTAN APPLICANTS SHOULD BE PREPAIADVANCED SCORES REQUIRED.	RIOLOGY CAL INST OF TECHNOLOGY, CALI BRIEF PROGRAM DESCRIPTION MAJOR SUBJECTS OF SPECIA INANY OF THE FOLLOWING G GENETICS, IMMUNOLOGY, NE	BRIEF PROGRAM DESCRIPTION IN COOPERATION WITH OTHER DEPLOY MASTER OF ARTS AND DOCTOR (RESEARCHERS WITH A BROADER AND INDEPENDENT RESEARCH & COURSE DOCTORAL CANDIDATE MUST COMPLI
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S NAME OF PROGRAM/ INSTITUTION	BIOLOGY STANFORD U RRIFF PR MOLECU MATHEM	BRIFF PRINTEGRAND BRIDLO VIROL VIROL PREPA	BRIEF PR THE DE FROM T APPLIC BACKGR	BRIFF PROCECUL B MOLECUITE EVOLUTE BIOSYS	BIOLOGY U OF CAL S BRIEF PR ORIENT RIOLOG RIOPHY IMMUNO
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	BIOLOGY U OF SOUTHERN CALIFORNIA, CALIFORNIA 3 6 4 BRIEF PROGRAM DESCRIPTION MARINE BIOLOGY, ECOLOGY, EVOLUTI	IOLOGY SOUTHERN CALIFORNIA, CALIFORNIA 3 6 4 8 IEF PROGRAM DESCRIPTION MARINE BIOLOGY, ECOLOGY, EVOLUTION, BIOLOGY: B.S. IN A NATURAL SCIENCE	LIFORNIA 4 8 EVOLUTION RAL SCIENC	5 11 8 • PIOSYSTEMATICS		S 5 5 PRFREQUISITES:		GRF APTI	1 APTIŤUDE AND ADVANCED	148 VANCED	<u>Q</u>	N
	BIOLOGY U OF NORTHERN COLORADO. COLORADO 3 1 5 BRIEF PROGRAM DESCRIPTION THE ORJECTIVE OF THE DOCTOR OF SCIENCES. EMPHASI PRODUCTION OF SKILLED RESEAR	NORTHERN COLORADO, COLORADO NORTHERN COLORADO, COLORADO 1 5 2 7 2 6 3 5 NELL-INFORMED TEACHI THE ORJECTIVE OF THE DOCTOR OF ARTS PROGRAM IS TO PREPARE VERSATILF & WELL-INFORMED TEACHI BIOLOGICAL SCIENCES, EMPHASIS IS PLACED ON THE TRAINING OF EFFECTIVE TEACHERS & NOT ON THE PRODUCTION OF SKILLED RESEARCH SCIENTISTS, A STUDENT SUCCESSFULLY COMPLETING THIS PROGRAM WELL QUALIFIEDTO TEACH BIOLOGICAL SCIENCES AT THE JUNIOR OR SENIOR COLLEGE LEVEL.	RADO S 2 TOR OF ART HASIS IS P SEARCH SCI	7 2 S PROGRAM LACED ON T ENTISTS. A SCIENCES A	1S TO PRE HE TRAININ STUDENT S	3 EPARE V VG OF ESUCCESS	S 3 FERSATILL FFECTIV FULLY C	F & WELL F TEACHE OMPLETIN	Zewell-INFORMED TEACHERS ACHERS & NOT ON THE ETING THIS PROGRAM WILL EGE LEVEL.	29 EACHERS OF THE RAM WILL BE	O X	2
	BIOLOGY IDAHO STATE UNIVERSITY, IDAHO 7 5 8 RIFF PROGRAM DESCRIPTION THERE IS A PH.D. AND A DOC COMPLETION OF A CERTAIN N	IOLOGY O STATE UNIVERSITY, IDAHO THE PROGRAM DESCRIPTION THERE IS A PH.D. AND A DOCTOR OF ARTS (D.A.) OFFERED IN RIOLOGY. THE DEGREE IS AWARDED COMPLETION OF A CERTAIN NUMBER OF CREDITS AND DEMONSTRATION OF COMPETENCE IN PEDAGOGY.	0 B 5 OCTOR OF A	11 6 RTS (D.A.) CRFOITS AN	14 OFFERED) DEMONST	3 IN RIOL	B 6 OGY. THI	43 F DEGREE	3 B 6 43 24 IN MIOLOGY. THE DEGREE IS AWARDED FRATION OF COMPETENCE IN PEDAGOGY.	67 UPON THE	YES	CZ
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2	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	ě	**** EARNE 1974-75 T MAST DOCT	EARNED	DEGREFS C 1975-76 MAST DOCT	75 CON	DEGREFS CONFERRED * 1975-77 MAST DOCT MAST DOCT	D ***** -77] DOCT MA	1977-78 MAST DOCT		SPADUATE	GPADUATE ENPOLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	1977-78 E TOTAL	MANDATORY CFILING ON FNROLLMENT	CEILING LEVEL REACHED
	TOTAL	257	184	257	165	230	177	268	158	227	157	846	1117	1826		
	COUNT															
		25														
	BRIZONA STATE UNIVERSITY, ARIZONA ARIZONA STATE UNIVERSITY, ARIZONA BRIEF PROGRAM DESCRIPTION STUDIES IN ECOLOGY, IMMUNOLOGY, MICROBIOLOGY (BACTFRIOLOGY, ENZYMOLOGY, GENETICS), MORPHOLOGY, MYCOLOGY, PACOLOGY, PHYCOLOGY, SYSTEMATICS, AND VIROLOGY, GRADS ARE PREPARED FOR TEACHING AND RESEARCH IN FOULATIONAL INSTITUTIONS, INDUSTRY, OR GOVERNMENT AGENCI PREPARED S: UNDERGRADUATE MAJOR OR EQUIVALENT IN BOTANY, ACCEPTABLE GRE SCORES.	NIVERSIT DESCRIF ECOLOGY ALEOBOTA R TEACHI	FY. AP 2 ION 1 IMMU 5 IMMU 1 ING AN	TZONA 5 5 NOLOG ALYNO 10 RFS	2 2 COGY• CARCH	7 ROBIOL PHYCOL IN EDI	3 -06Y (-06Y (JCATIO	BACTER PHYSIC	0 RIOLOG OLOGY• NSTITH	SYSTE	1 YMOLOC MATIC INDUS	13 54 GENE 54 AND V 57RY OR	7 3 R 0 5 1 13 14 27 PROBIOLOGY (BACTFRIOLOGY ENZYMOLOGY GENETICS), MORPHOLOGY, PHYCOLOGY BY SYSTEMATICS, AND VIROLOGY, GRADS ARE IN EDUCATIONAL INSTITUTIONS, INDUSTRY, OR GOVERNMENT AGENCIFS	PHOLOGY, ADS ARE AGENCIFS	ON	e >
	BOTANY UNIVERSITY OF ARIZONA, ARIZONA A 4 2 0 2 2 0 2 0 2 3 RRIEF PROGRAM DESCRIPTION IN THE DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY, WHERE DEGREES ARE OFFERED WITH	RIZONA. DESCRIF	ARIZO 4 PTION 0F ECO	NA 2	0 AND EV	2 OLUTIC	2 NARY	n BIOLOG	SY . WH	O FERE DE	2. GREES	ARE OFF		MAGORS IN		Z Z
	ECOLOGY AND FVOLUTIONARY BIOLOGY AND IN ROTANY. AN FXTENSIVE HERRARIUM IS SHARED WITH AGRICULTURE. FIELD WORK IS FACILITATED BY A MARINE BIOLOGY STATION AT DUEPTO PENASCO. MEXICO. AND BY THE AVAILABILITY OF THE SOUTHWESTERN RESFARCH STATION. PORTAL. ARIZONA RESEARCH RANCH.ELGIN. ARIZONA.	FYOLUTI FIELD BY THE NCH.ELGI	MORK WORK AVAIL IN. AR	BIOL IS FA ABILI IZONA	OGY AN CILITA TY OF	ATED BY	OTANY A MA OUTHWE	STERN STERN	FXTENS BIOLOG RESFA	TVE HE	TON ATION	M IS SH		THE COLLFGE SONORA, AND THE	й С	
	BOTANY CLAREMONT GRADUATE SCHOOL, CALIFORNIA 0 2 2 2 0 1 0 0 2 2 2 0 1 RRIEF PROGRAM DESCRIPTION MAIN EMPHASIS ON THE STUDY OF SYSTEMATICS, AND EVOLUTION OF	ATE SCHO DESCRIP IS ON TH	OOL C O TION HE STU	ALIFO DY OF	RNIA 2 SYSTE	2 MATICS	2 5. AND	e EVOL!	1 UTION	2 OF HIG	2 0 7 HIGHFR PLANTS	48	4 FUNGII.	11	ON	Z
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***** EARNED DEGREFS CONFERRED ***** HFGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATF ENROLLMFNT 1977-78 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	0402 U OF CAL DAVIS. CALIFORNIA BRIEF PROGRAM DESCRIPTION SPECIALIZATIONS: ANATOMY, CYTOLOGY, GENETICS. BIOCHEMISTRY, ECOLOGY, MORPHOLOGY, MYCOLOGY. PALEOROTANY, PHYCOLOGY, PHYSIOLOGY, AND TAXONOMY, PREP, FOR CARFERS IN TFACHING AND RESEARCH IN BASIC OR APPLIED BOTANY IN UNIVERSITY, GOVERNMENT, OR INDUSTRIAL LABORATORIES.	BOTANY U OF CAL RIVERSIDE. CALIFORNIA 0 3 0 1 0 5 0 4 3 1 19 BRIEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES BASIC BOTANY AND SPECIALIZATION IN ALL AREAS OF PLANT SCIENCES NOT AVAILABLE THROUGH THE GENETICS AND PLANT PHYSIOLOGY PROGRAM. THE OBJECTIVE OF THE PROGRAM IS TO TRAIN PERSONS INTERESTED IN BOTANICAL RESEARCH WHETHER THEY WISH TO PPEPARE FOR AN ACADEMIC CARFER OF TFACHING AND RESEARCH OR TO ENGAGE IN INVESTIGATIONS OF FCONOMIC PLANTS FOR GOVERNMENTAL OR OTHER LABORATORIES.	BOTANY & PLANT PATHOLOGY COLORADO STATE UNIVERSITY. COLORADO 10 4 2 1 6 3 10 3 8 1 BRIFF PROGRAM DESCRIPTION PROGRAMS ARE OFFERED IN MOST AREAS OF BOTANY. IN PLANT PATHOLOGY & IN WEED SCIENCE. GRADUATE STUDENTS IN BOTANICAL SCIENCES USUALLY SFLECT SUPPORTING COURSES IN RELATED SCIENCES. GRADUATFS FIND EMPLOYMENT IN TEACHING & RESEARCH POSITIONS IN FOUR-YEAR & JUNIOR OR COMMUNITY COLLEGES. UNIVERSITIES. INDUSTRY. OR GOVERNMENT AGENCIES.	BOTANICAL SCIENCES U OF HAWAII AT MANDA, HAWAII 7 6 13 3 2 1 2 6 10 3 27 45 72 BRIEF PROGRAM DESCRIPTION SYSTEMATIC, DEVELOPMENTAL, ENVIRONMENTAL, MARINE, PLANT PATHOLOGY, MARINE & TROPICAL ORGANISMS, UNIQUE OPPORTUNITIES FOR STUDY OF TROPICAL TERRESTRIAL AND MARINE SPECTES, & THE EVOLUTION OF ENDEMIC TAXA AND THEIR INTERACTION WITH THE ESTABLISHMENT OF VEGETATION ON LAND CREATED BY ACTIVE VOLCANOES, GRADS ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESFARCH, PREREOS: GRE (APTITUDE): PREP INANATOMY, BIOCHEM, ECOLOGY, GENETICS, PHYSIOLOGY, SYSTEMATICS, PHYSICS, ORG	BOTANY UNIVERSITY OF IDAHO, IDAHO 1 0 0 1 0 5 1 0 0 1 5 8 8 1 1 4 1 5 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	BOTANY MONTANA STATE UNIVERSITY, MONTANA 0 0 3 2 2 0 4 2 2 0 RRIFF PROGRAM DESCRIPTION RFSEARCH IN BOTANY INCLUDES PROJECTS IN LIMNOLOGY, ECOLOGY, PHYSIOLOGY AND TAXONOMY.
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	3 2 13 7 20 6 PROBLEMS IN ENVIRONMENTAL DEGRADATION MORPHOGENISIS, SPECIAL FACILITIES: ENVIRONMENTAL LABORATORY, ENTRANCE E. GRADUATES MAY FIND EMPLOYMENT IN	8 60 13 73 Y. PHYSIOLOGY. ECOLOGY. AND S. INTEGRATED MINORS OR ARE ALSO AVAILABLE. ALL DEGREES IN ADDITION TO COURSE WORK. RESEARCH		نعا	4 3 R 3 S 47 S 52 APRANGED WITH COLLEGES OF FORFSTRY & PHARMACY & THE DFPARTMENTS	OF OCEANOGRAPHY, GENETICS, MICROBIOLOGY, BIOCHEMISTRY & 700LOGY, A PROSPECTIVE GRADUATE STUDENT IS EXPECTED TO HAVE AN UNDFRGRADUATE MAJOR IN BIOLOGICAL SCIENCE, WITH SUPPORTING TRAINING IN CHEMISTRY AT LEAST THROUGH ORGANIC CHEMISTRY, ABILITY TO READ SCIENTIFIC PAPERS IN AT LEAST ONF FOREIGN LANGUAGE IS ESSENTIAL WITHIN THE FIRST YFAR.	32 EOROTANY• CLUDE CULUS & ONF
GRADUATE ENROLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	AL EMPHASIS IN ECOLOGY & PROBLEMS IN ENVIRONMENTAL DEGRAD PALEOBOTANY, VIROLOGY & MORPHOGENISIS, SPECIAL FACILITIES: EXPERIMENTAL GARDENS, ENVIRONMENTAL LABORATORY, ENTRANCE A FOREIGN LANGUAGE & GRE, GRADUATES MAY FIND EMPLOYMENT IN & PRIVATE ORGANIZATIONS.	4 11 7 4 6 6 11 8 60 13 73 PLINES WITHIN THE DEPARTMENT: PATHOLOGY, PHYSIOLOGY, ECOLOGY, AND S CAN INCORPORATE MINORS IN OTHER AREAS, INTEGRATED MINORS OR SUCH AS PEST MANAGEMENT AND GENETICS ARE ALSO AVAILABLE, ALL DEGREES OF BOTANY AND PLANT PATHOLOGY REQUIRE IN ADDITION TO COURSE WORK, RESPRESENTATION OF A THESIS.		GENETICS. AND RANGF AND WILDLIFF RESOURCES. SPECIALITATIONS LANT PHYSIOLOGY. PLANT ECOLOGY. PLANT PHYTOCHEMISTRY. CYTOGENETICS. OR PALEOBOTANY. SIMILAR ICS OR RANGE AND WILDLIFE RESOURCES. STUDENTS ARE PREPARED FOR S WELL AS RESEARCH AND RESOURCE MANAGEMENT POSITIONS IN PRIVATE	S	GRADUATE TRAINING AST ONF FO	INGTON ST UNIVERSITY, WASHINGTON 2 4 6 6 1 4 R 0 3 5 31 1 1 32 IEF PROGRAM DESCRIPTION SPECIALIZATION & RESEARCH IN ANATOMY, MORPHOLOGY, MORPHOGENSIS, CYTOLOGY & CYTOCHEMISTRY, CYTOGENETICS, CYTOTAXONOMY, GENFTICS, ECOLOGY, PLANT GEOGRAPHY, BRYOLOGY, PHYCOLOGY, PALEOROTANY, PHYSIOLOGY, TAXONOMY & ULTRASTRUCTURE, PRFREQUISITES: UNDFRGRADUATE PRFPARATION SHOULD INCLUDE ORGANIC CHEMISTRY, FOUR SEMESTERS OF FOREIGN LANGUAGE, MATHEMATICS THROUGH INTEGRAL CALCULUS & O
GRADUATE E FULL-TIME	13 MS IN ENVI NISIS. SPE NIAL LABOR ITES MAY FI	OTANY AND PLANT PATHOLOGY ON STATE UNIVERSITY, OREGON IEF PROGRAM DESCRITTION THERE ARE FOUR MAJOR DISCIPLINES WITHIN THE DEPARTMENT: PATHOLOGY, PHYSIOLOGY, ECOLOGY, STRUCTURAL BOTANY, STUDENTS CAN INCORPORATE MINORS IN OTHER AREAS, INTEGRATED MINORS OR INTERDISCIPLINARY PROGRAMS SUCH AS PFST MANAGEMENT AND GFNETICS ARE ALSO AVAILABLE, ALL OFFERED BY THE DEPARTMENT OF BOTANY AND PLANT PATHOLOGY REQUIRE IN ADDITTION TO COURSE WO TRAINING RESULTING IN THE PRESENTATION OF A THESIS.		FF RFSOURC LANT CYTOL PALEOBOTA ES. STUDEN	47 TPY & PHAR	ROSPECTIVE SUPPOPTING S IN AT LE	31 OGY & CYTO LOGY PHYC PREPARATION THROUGH IN
1977-78 MAST DOCT	3 2 SY & PROBLE & MORPHOGE ENVIRONME SRE. GRADUA	11 8 THOLOGY, P R AREAS. 1 ETICS ARE		AND WILDLI ECOLOGY. P NETICS. OR FE RESOURCE M	3 5 S OF FORFS	OCLOGY. A P NCE WITH IFIC PAPER	3 S JSIS, CYTOL RAPHY, BRYC RGRADUATE F
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DFGREES CONFERPED 1975-76 1976- MAST DOCT MAST DO	6 5 4 EMPHASIS IN PALEOROTANY•VI EXPEPIMENTAL (FOREIGN LANGI	THIN THE DEPARTM OPPORATE MINORS PEST MANAGEMENT AND PLANT PATHOION OF A THESIS.			4 3 RRANGED WIT	SY, BIOCHEN DR IN BIOLO SILITY TO R	MORPHOLOGY ECOLOGY F PREREQUIST
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THEORETICAL AND APPLIED INVESTIGATION OF THE EFFECTS OF INJURIOUS AGENTS ON CELLS AND TISSUES. AND THE SURSEQUENT REACTION OF THE LATTER AT THE STRUCTURAL. CHEMICAL AND FUNCTIONAL LEVELS. RESEARCH MAY INVOLVE CARCINOGENESIS. GENETICS. IMMUNOPATHOLOGY OR INFLAMMATION. CARFER PREPARATION IS FOR RESEARCH AND TEACHING IN MEDICAL SCIFNCES. PREFACE: M.S.. M.D.. D.D.. OR D.V.M.. GRE SCORES.

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	PHARMACOLOGY STANFORD UNIVERSITY. CALIFORNIA 0 1 2 1 NO	N/A
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	CELLULAR, VIRAL, AND MOLECULAR BIOLOGY UNIVERSITY OF UTAH, UTAH 2 4 0 4 0 3 0 0 4 RRIEF PROGRAM DESCRIPTION MICROBIAL AND MAMMALIAN CELL BIOLOGY AND GENETICS: MOLFCULAR BIOLOGY VIRUSES; VIRAL ONCOLOGY: MOLECULAR BIOLOGY OF EUKARYOTES: MEDICAL AND MYCOLOGY AND VIROLOGY, IMMUNOLOGY AND IMMUNOCHEMISTRY: INDUSTRIAL AND EPIDEMIOLOGY AND CHEMOTHERAPY OF INFECTIOUS DISEASES.	BIOLOGY BIOLOGY CULAR B LOGY ANI	O 3 AND GENE TOLOGY OF TOLOGY OF	0GY 0 3 0 0 4 6Y AND GENETICS: MOLFCULAR BTOL BIOLOGY OF EUKARYOTES: MEDICAL AND IMMUNOCHEMISTRY: INDUSTRIAL INFECTIOUS DISEASES.	0 0 4 MOLFCULAR BTOLOGY YOTES: MEDICAL AND RY: INDUSTRIAL AND	4 RTOLOGY SICAL AND PIAL AND			10 PHAGES AND ANTMAL BACTERIOLOGY:	NO AL	Z
	MICROBIOLOGY 16 3 7 7 6 11 16 4 12 2 49 4 16 3 7 7 6 11 16 4 12 2 49 BRIEF PROGRAM DESCRIPTION FORMAL COURSE WORK AND RESEARCH TRAINING IN GENERAL & MFDICAL MICRORIAL OGY, MICRORIAL PHYSIOLOGY GENETICS, UROLOGY & IMMUNOLOGY. THE PH.D. DEGREE NORMALLY REQUIRES FOUR YEARS OF GRADUATE STUDY BEYOND THE R.S. DEGREE. UNDERGRADUATE PREPARATION SHOULD INCLUDE A YEAR OF GENERAL CHEMISTRY. YEAR OF COLLEGE PHYSICS. COURSES IN ORGANIC CHEMISTRY & QUANTITATIVE ANALYSIS. A COURSE IN CALCIO	P FIG 0	6 11 NING IN G H.D. DEGR TE PREPAR ORGANIC C	16 ENERAL & FEE NORMAL ATION SHO HEMISTRY	MEDICAL LY REGUINGE IN	MICROR MICROR ITATIVE	49 IOLOGY•MI UP YFARS YFAR OF ANALYSTS	RAINING IN GENERAL & MEDICAL MICRORIOLOGY, MICRORIAL PHYSIOLOGY & LE PH.D. DEGREE NORMALLY REQUIRES FOUR YFARS OF GRADUATE STUDY DUATE PREPARATION SHOULD INCLUDE A YFAR OF GENERAL CHEMISTRY. A IN ORGANIC CHEMISTRY & QUANTITATIVE ANALYSTS. A COURSE IN CALCULUS.	49 YSIOLOGY STUDY MISTRY.	NO A A ILUS.	2

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NPOLLMFNT 1977-78 PART-TIME TOTAL	POLOGY. WITH RN S. EMPHAS OTH CELLU		44		B 1 9 ANATOMY, AND NEUROANATOMY	E IN THE I
GPANIJATE ENPOLLMENT 1977-79 FILL-TIME PART-TIME TOTAL	1 3 3 2 1 0 22 SEARCH. COURSF WORK IN MOLECULAR BIOLOGY. VIROLOGY. FOLOGY. RESEARCH TRAINING IN RASIC VIROLOGY. WITH RNA AND DIBACTERIOLOGY IN PHYSIOLOGY AND PATHOGENESIS. EMPHASIFING TOXIN REACTIVITY: IMMINOLOGY. EMPHASIZING ROTH CELLULAR AND NIROL: PARASITOLOGY EMPHASIS ON GIARDIASIS. G.S. DEGREE. G	S: CFLLULAR &TRADITIONAL IMMUNOLOGY, MICROBIAL AR SYNTHESIS, VIRUS STRUCTUPE & PFPLICATION & TEACHING, PPIMARILY AT THE GRADUATF LFVEL.	29 A			PYELD OF
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NAME OF PROGRAM/ INSTITUTION	MICROBIOLOGY U OF OREGON HLTH SCI CTR. OREGON 0 3 0 2 1 3 2 1 0 22 BRIEF PROGRAM DESCRIPTION BASIC TRAINING WITH EMPHASIS ON RESEARCH. COURSF WORK IN MOLECULAR RIOLOGY. VIROLOGY. BASIC TRAINING WITH EMPHASIS ON RESEARCH TRAINING IN RASIC VIROLOGY. WITH RNA AND DNA BACTERIOLOGY IN PHYSIOLOGY AND PATHOGENESIS. EMPHASIFING VIRUSES AND PERSISTENT INFECTIONS! BACTERIOLOGY IN PHYSIOLOGY AND PATHOGENESIS. EMPHASIFING SEXUALLY—TRANSMITTED ORGANISMS AND TOXIN REACTIVITY: IMMUNOLOGY. EMPHASIZING ROTH CELLULAR AND HUMORAL IMMUNITY REGULATION AND CONTROL: PARASITOLOGY EMPHASIS ON GIARDIASIS. G.S. DEGREE. GRE SCORES.	MICROBIOLOGY UNIVERSITY OF COLORADO, COLORADO 0 0 1 2 1 0 2 1 1 RRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: CFLLULAR &TRADITIONAL IMMUNOLOGY, MICROBIAL REGULATION & CONTROL OF MACROMOLECULAR SYNTHESIS, VIRUS STRUCTURE & PFPLICATION & PRIMARY CAREERS: BIOMEDICAL RESEARCH: TEACHING, PRIMARILY AT THE GRADUATF LFVEL.			ANATOMY UNIVERSITY OF ARIZONA, ARIZONA 0 0 0 0 RRIEF PROGRAM DESCRIPTION THE DEGREE PROGRAM INCLUDES COURSE	ANATOMY LOMA LINDA UNIVERSITY, CALIFORNIA 0 1 0 0 2 0 0 0 1 2 4 BRIEF PROGRAM DESCRIPTION DEPT. OF ANATOMY OFFERS STUDY PROGRAMS LEADING TO THE WASTER OF SCIFNCE DEGREE IN THE FIELDS OF HUMAN BIOLOGY AND ANATOMY AND THE DOCTOR OF PHILOSOPHY DEGREE IN THE FIELD OF ANATOMY. PREPARES TEACHERS, DOCTORAL CANDIDATE MUST HAVE COMPLETED MASTERS DEGREE OP ITS FOULVALENT.
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	5	AN OF GRIE	ANATOMY OF CAL DAVIS. CALIFORNIA 5 1 7 0 4 2 3 3 2 3 28 0 28 BRIEF PROGRAM DESCRIPTION PROGRAM IS DESIGNED TO PROVIDE FUNDAMENTAL TRAINING IN THE BASIC SURJECT ARFAS. THE AREAS OF SPECIALIZATION INCLUDE DEVELOPMENTAL. GROSS, MICROSCOPIC AND PATHOLOGICAL ANATOMY, FNDOCRINOLOGY AND REPRODUCTION. GRADS ARE PREPARED FOR CAREERS AS TEACHERS AND RESEARCH SCIENTISTS. PRERFO.: TH	ALIFORN 5 ESCRIPT SIGNED N INCLU ION. GR	IA ION TO PR DE DE ADS AI	OVIDE PREPREPRED NAND G	O FUNDAM ENTAL *	4 AMENTAL L GROS D FOR C SCORES.	2 TRAI AREER	NING CROSC S AS	3 IN THE OPIC TEACHE	BASIC AND PA	3 C SUBL ATHOLO	ZB JFCT ARFA JGTCAL AN	0 28 RFAS. THE AREAS OF ANATOMY, FNDOCRINOLO SCIENTISTS, PRERFO.:	28 0L.0	NO THRFF	A A
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	5	BRIC UCAL	ANATOMY CAL SAN FRISCO MEDL CTR. CALIFORNIA 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 0 1 4 20 BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF ANATOMY OFFERS PROGRAMS OF STUDY LEADING TO THE MASTER'S & DOCTORAL DEGRI DEPARTMENTAL COURSES ARE OFFERED FOR GRADUATE STUDENTS IN ANATOMY & FOR GRADUATE & ADVANCE! UNDERGRADUATES FROM OTHER DEPARTMENTS, GRADUATE COURSES ARE AVAILABLE IN THE FIFLDS OF CELL DEVELOPMENTAL BIOLOGY, NEUROBIOLOGY, ENDOCRINOLOGY, REPRODUCTIVE RIGINGY. & HUMAN ANATOMY.	MEDL CT 0 ESCRIPT T OF AN COURSES S FROM BIOLOG	R. CA 10N ATOMY OTHER	LIFORNI OFFERS OFFERE UROBIOL	PROG FOR TMENTS	1 2 PROGRAMS OF FOR GRADUATE ENTS. GRADUA GY. ENDOCRIN	2 OF ST ATF S DUATE RINOL	UDY TUDEN COUR	O TS IN REPROD	1 2 0 0 1 4 PROGRAMS OF STUDY LEADING TO THE FOR GRADUATE STUDENTS IN ANATOMY ENTS. GRADUATE COURSES ARE AVAILAR GY. ENDOCRINOLOGY. REPRODUCTIVE R)	4 THE MA TLARLF F RIOL	20 MASTER'S & DOCT & FOR GRADUATE RE IN THE FIFLE FOLOGY: & HUMAN	4EDL CTR. CALIFORNIA 0 2 0 2 2 0 2 2 2 2 2 0 0 1 4 20 5.SCRIPTION 1 OF ANATOMY OFFERS PROGRAMS OF STUDY LEADING TO THE MASTER'S & DOCTORAL DEGREES. SOURSES ARE OFFERED FOR GRADUATE STUDENTS IN ANATOMY & FOR GRADUATE & ADVANCED 5. FROM OTHER DEPARTMENTS, GRADUATE COURSES ARE AVAILABLE IN THE FIFLDS OF CELL BIO BIOLOGY, NEUROBIOLOGY, ENDOCRINOLOGY, REPRODUCTIVE RIGINGY. & HUMAN ANATOMY.	20 DEGREES. ANCED CELL BIOLOGY.	NO OGY.	N .
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CEIL ING REACHED NIA N/A NIA NIA LEVEL CFILING ON **ENROLLMENT** MANDATORY 2 S S S S ANATOMY AND NEUROANATOMY. GROWTH AND DEVFLOPMENT. AND MISTOLOGY. THE GRADUATE PROGRAM IS OFFERED TO PROVIDE THE BACKGROUND NECESSARY FOR PURSUING A PROFESSIONAL CAPFER IN A VARIETY OF FIELDS RELATING THE TRADITIONAL MAJOR FIELDS OF ANATOMY ARE REPRESENTED IN THE DEPARTMENT BY THREE DIVISIONS: GROSS NEUROEMBRYOLOGY. NEUROENDOCRINOLOGY, FUNCTIONAL CENTPAL NERVOUS SYSTEM FUNCTIONS, REPRODUCTIVE COURSEWORKIN GROSS ANATOMY. HISTOLOGY. NEUROANATOMY & DEVELOPMENTAL BIOLOGY & CUPRENT CONCEPTS. CAREER PREPARATION FOR TEACHING AND/OR RESEARCH AT THE COLLEGE OR UNIVERSITY LEVEL. PREREOS. P.S. STUDENTS MAY SPECIALIZE IN EMBRYOLOGY, GROSS ANATOMY, HISTOLOGY, HISTOCYTOCHFMISTRY, NEUPORIOLOGY. ULTRASTRUCTURAL CYTOLOGY & SURGICAL ANATOMY. PROFICIFNCY IN EMRPYOLOGY. GROSS ANATOMY. HISTOLOGY. GRADUATE ENPOLLMENT 1977-79 FIJEL-TIME PART-TIME TOTAL 18 00 12 1 NEUROANATOMY. ELECTRONIC & STATISTICAL ANALYSIS OF CENTPAL NERVOUS SYSTEM FUNCTIONS, REPROF ENDOCRINOLOGY. EXPERIMENTAL EMBPYOLOGY & TERATOLOGY.MICROCIRCULATION & ELFCTRON MICROSCOPY. CURRICULAR EMPHASES OR SUBSPECIALTIES: GROSS ANATOMY, NFUROSCIFNCES, MICROSCOPIC ANATOMY, DEVELOPMENTAL BIOLOGY & CELL BIOLOGY. PRIMARY CARFERS: TFACHING AND RESEARCH. 0 0 MAST DOCT MAST DOCT MAST DOCT 2 1977-78 0 0 **** EARNED DEGREES CONFERPED **** 1976-77 NEUROSCIENCE, NEUROANATOMY, DEVELOPMENTAL NEUROBIOLOGY. ADVANCED STUDY & RESEARCH IN THE FOLLOWING FIELDS: c 0 1975-76 N 0 0 NEUROANATOMY & PHYSIOLOGY IS REQUIRED. MAST DOCT MAST DOCT ហ 1974-75 UNIVERSITY OF WASHINGTON, WASHINGTON COLORADO STATE UNIVERSITY. COLORADO TO THE MORPHOLOGICAL SCIENCES. ~ 0 U OF OREGON HLTH SCI CTR. OREGON 0 UNIVERSITY OF COLORADO, COLORADO BRIEF PROGRAM DESCRIPTION 1973-74 UNIVERSITY OF UTAH. UTAH NAME OF PROGRAMI INSTITUTION ANATOMY ANATOMY ANATOMY TOTAL HEGIS CODF 0412

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PROGRAM/	BIOMEDICAL SCIENCES-BIOCH U OF HAWAII AT MANOA, HAWAII	BRIEF PROGRAM DESCRIPTION OFFERED AS A CONCENTRAT FIELDS INCLUDING ENERGY PROTEINS, HORMONES, REPUNIVERSITY TEACHING AND SCIENCE).	BIOCHEWISTRY UNIVERSITY OF IDAHO, IDAHO RRIEF PROGRAM DESCRIPTIO GRADUATE STUDY IN BIOC COLLEGES OF AGRICULTUR BIOCHEMISTRY AREAS OF PLACED ON LABORATORY P DISSERTATION REQUIRING	BIOCHFMISTRY NTANA STATE UNIVERSITY, MC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BIOCHEMISTRY OF NEVADA RENO. NEVADA	BIOCHEMISTRY/RIOPHYSICS EGON STATE UNIVERSITY. OR! 4 4 BRIEF PROGRAM DESCRIPTION INCLUDES COURSEWORK IN	BIOCHEMISTRY O 2 BRIEF PROGRAM DESCRIPTION PROTEIN CHEMISTRY, IMMUN STRUCTURE AND FUNCTION, NUCLEUS, RIOCHEMISTRY OF STEROID HORMONES, X-RAY
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	BRIEF PROGRAM DESCRIPTION SPECIALIZATIONS: VETERINARY RADIOLOGY, HEALTH PHYSICS, BIOLOGICAL EFFECCTS OF RADIATION, CELLULAR & MOLECULAR RADIATION BIOLOGY, RADIOTRACER TECHNIQUES, RADIOCHEMISTRY, PADIATION PHYSICS, QUANTITATIVE RADIATION BIOLOGY & RADIOECOLOGY.	DESCRIPONS: VEDIATION	TION TERIN BIOL RADI	ARY RU	ADIOLC RADIO1 OGY.	GY. HE	AL TH TECHN	PHYSIC IQUES,	SS BT	OCHEM	CAL EF	FFCCTS.	OF RADIATIO TON PHYSICS	N. CFLLU.		
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

ç AN INTERDISCIPLINARY DEGREE PROGRAM IN NEUROSCIENCES WAS FSTABLISHED AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO IN JANUARY 1977, THE PROGRAM SFEKS TO TRAIN STUDENTS WHO WILL RE EXPERT IN ONE PARTICULAR APPROACH TO NEUROBIOLOGICAL RESEARCH & ITS RELATED RASIC SCIENCE DISCIPLINES. & 0 0 0 0 0 U CAL SAN FRISCO MEDL CTR. CALIFORNIA BRIEF PROGRAM DESCRIPTION NEUROSCIENCES 0425

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WHO WILL HAVE A STRONG BACKGROUND IN OTHER AREAS OF NFUPORIOLOGY AS WFLL.

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UTAH STATE UNIVERSITY. UTAH TOXICOLOGY

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TOXICOLOGY, PHARMACOLOGY, PHYSIOLOGY, PATHOLOGY, AND BIOCHEMISTRY, CAPFER PREP, FOR INDUSTRY, GOVT. AND ED, INSTS IN CONSULTATION, PRODUCT TESTING AND DEVFLOPMENT, REGULATORY ACTIVITIES, OR ANALYTICAL EFFECTS OF TOXIC CONCENTRATIONS OF SUBSTANCES INCLUDING PESTICIDES, POLLUTANTS, METALS, DRUGS, INDUSTRIAL COMPOUNDS AND NATURAL FOOD CONSTITUENTS. IN ANIMALS AND ORGANISMS IMPORTANT IN AGRICULTURAL OR ENVIRONMENTAL SCIENCES OR AS MODELS FOR MEDICAL RESFARCH. PFSEAPCH INVOLVES ANIMALS AND ORGANISMS IMPORTANT IN BRIEF PROGRAM DESCRIPTION

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

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2670	PHARMACOLOGY & TOXICOLOGY U OF CAL DAVIS. CALIFORNIA 0 0 2 1 2 0 7 1 3 8 4 BRIFF PROGRAM DESCRIPTION GENERAL PHARMACOLOGY. DRUG METABOLISM, CHEMOTHERAPY. NEUROPHARMACOLOGY. PHARMACOLOGY. REVEAL PHARMACOLOGY AND FNVIRONMENTAL TOXICOLOGY. GRADS ARE RESEARCH AND TEACHING AT THE STATE COLLEGE AND UNIVERSITY LEVEL. FIFLDS	A TOXICOLOGY CALIFORNIA O O O DESCRIPTION MACOLOGY DR *RENAL PHARM TEACHING AT	Y 2 1 PUG METABO MACOLOGY A THE STAT	LISM.	CHEMOT CHEMOT VITONMF	HEGAPY.	NFURCE RESTRY	3 3 3 3 3 5 4 5 5 5 5 5 5 5 7 5 7 5 7 7 7 7 7 7 7	A COLOG PADS A FIEL		1 CARNIOVASCULAR PREPAREN FOR C OF RIOLOGICAL	CARNTOVASCULAR PREPARED FOR CAREERS IN OF RIOLOGICAL AND MEDICAL	, NO NO	Z
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

CETLING REACHED LEVEL NIA NIA W/N N/A Ş CFILING ON ENROLLMENT MANDATORY YES 9 2 9 9 PERSONS UNIQUELY TRAINED IN THE FIVE AREAS OF POPULATION BIOLOGY: POPULATION GENETICS. POPULATION ECOLOGY. MICROEVOLUTION. DEMOGRAPHY. AND STATISTICAL POPULATION RIOLOGY. FUNDAMENTAL MECHANISM ACTION OF DRUGS. THEIR EFFECTIVENESS & THEIR USF AS TOOLS FOR RETTER UNDERSTANDING OF BIOCHEMISTRY & PHYSIOLOGICAL PROCESSES. PREPARATION INCLUDES CALCULUS. ORGANIC CHEMISTRY. PHYSICAL CHEMISTRY & BIOCHEMISTRY OR MOLECULAR BIOLOGY. GRADUATE ENROLLMENT 1977-78
FILL-TIME PART-TIME TOTAL σ œ 12 3 27 67 THE PRIMARY AIM OF THE INTERDEPARTMENTAL DOCTORAL PROGRAM IN POPULATION RIOLOGY IS TO PROVIDE PROGRAMS ARE OFFERED IN: (1) BIOLOGICAL CHEMISTRY: (2) BIOMATHEMATICS. AND: (3) MICROBIOLOGY AND INCLUDED IN THIS PROGRAM ARE THE FUNCTION & METABOLISM OF CELLS. ORGANS & ODGAN SYSTEMS: THE c 0 NEOPLASTIC GROWTH. σ • 2 27 MAST DOCT MAST DOCT ~ 0 0 0 ~ 1977-78 0 **m** 0 0 0 **** EARNED DEGREES CONFERRED **** 1978-79 1ST YEAR OF PROGRAM. UNDERSTANDING AND CONTROL OF c 0 0 10 1976-77 0 ٨ c C 0 MAST DOCT MAST DOCT MAST DOCT 2 N 0 0 0 6 1975-76 0 0 C 0 C œ 0 0 2 1974-75 0 C 0 U OF CAL LOS ANGELES. CALIFORNIA STANFORD UNIVERSITY, CALIFORNIA U OF CAL RIVERSIDE. CALIFORNIA U OF CAL SAN DIEGO. CALIFORNIA ENDOCRINOLOGY, PARASITOLOGY U OF CAL BERKELEY. CALIFORNIA RRIEF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION 0 1973-74 0 PHYSIOLOGY/PHARMACOLOGY POPULATION BIOLOGY 0 CANCER RIOLOGY OTHER BIOLOGY IMMUNOLOGY. NAME OF PROGRAM/ INSTITUTION COUNT TOTAL HEGIS CODE 049B 6670

HEGIS CATEGORY: 0400 BIOLOGICAL SCIFNCES

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HEGIS CODE	0501			0501		050

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HEGIS CATEGORY: 0500 BUSINESS HEGIS NAME OF PROGRAM/ 19 CODE INSTITUTION MAS	ACCOUNTING U OF OREGON M BRIEF PROGR FOCUSES OF	TOTAL	COUNT	DECISI U OF SOUT RRIEF P SPFCI	STATIS UNIVERSIT BRIEF P PREPA STATI	TOTAL
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1973-74 MAST DOCT	BUSINESS ADMINISTRATION GOLDEN GATE UNIVERSITY, CALIFORNIA 416 0 498 RRIEF PROGRAM DESCRIPTION PROGRAM LEADS TO A DOCTOR OF R	BUSINESS ADMINISTRATION PACIFIC STATES UNIVERSITY. CALIFORNIA 0 0 0 0	BUSINESS ADMINISTRATION STANFORD UNIVERSITY, CALIFORNIA 299 20 310 18 BRIEF PROGRAM DESCRIPTION BUSINESS MANAGEMENT, RESEARCH, AND	BUSINESS ADMINISTRATION U OF CAL BFRKELEY. CALIFORNIA 207 17	ADMINISTRATION OF CAL IRVINF, CALIFORNIA 2, 3 3 RRIEF PROGRAM DESCRIPTION BUSINESS ADMINISTRATION, PUBLIC ADMI QUANTITATIVE METHODS, FINANCE, ECONO DEGREE IN ADMINISTRATION OR CLOSELY	MANAGEMENT OF CAL LOS ANGELES. CALIFORNIA 269 19 282 28 BRIEF PROGRAM DESCRIPTION THE PH.D. IN MANAGEMENT IS GRANTED PRACTICE OF MANAGEMENT A RELATED DI SIGNIFICANTORIGINAL CONTRIBUTION TO PRIMARILY TO PRODUCE HIGH CALIBER I
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HEGIS CATEGORY: 0500 BUSINESS

HFG1S CODE	NAME OF PROGRAM/ 1973-74 1974-75 INSTITUTION MAST DOCT MAST DOCT		DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST DO	CONFERIO 19.	FERRED ***** 1976-77 1 MAST DOCT MA	1977-78 MAST DOCT		PADUATE	GRADUATF ENROLLMFNT 1977-78 FILL-TIME PART-TIME TOTAL	17 1977		MANDATORY CFILING ON ENROLLMENT	CFILING LEVEL REACHED
0506	BUSINESS ADMINISTRATION U OF SOUTHERN CALIFORNIA. BRIEF PROGRAM DESCRIPTION DECISION SYSTEMS AND CORPORATE STRATFGY AND INFORMATION SYSTEMS SPECIALIZATIONS: MANAGEMENT SCIENCEPROGRAM. INCLUDES MANAGEMENT SYSTEMS FOR DECISIONMAKING AND CONTROL. CORPORATE PLANNING AN ENVIRONMENT: MIS AND COMPUTER APPLICATIONS TO BUSINESS SYSTEMS: APPLIFD STATISTICAL THEORY. DETAINING AND GAMAT DECOMMENDED.	RNIA 6 TE STRATIAGEMENT R APPLIC S, STATI	0 FGY ANF SYSTEMS ATIONS STICAL	O INFORM FOR DE TO BUS	MATTON FCISION TNESS S	AYY AYSTEMS YSTEMS PY. PRF	S SPECT NO CO APPLT	ALIZATI NTROL. FD STAT	ONS: MANA(CORPORATE ISTICAL TE	SEMENT PLANNI TEORY.	S AND	O _N	∀ 2
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	BUSINESS ADMINISTRATION UNIVERSITY OF WASHINGTON, WASHINGTON 162 14 150 11 164 17 178 14 20 466 110 RRIEF PROGRAM DESCRIPTION THE PH.D. HAS BEEN DESIGNED FOR PERSONS WHO WISH ADVANCED STUDY IN RUSINESS & ADMINISTRATION IN THE PH.D. HAS BEEN DESIGNED FOR PERSONS WHO WISH ADVANCED STUDENTS ENDOILED IN THIS PROGRAM CAPECTED TO PREPARE CAREERS IN TEACHING, BUSINESS OR GOVERNMENT, STUDENTS ENDOILED IN THE PROGRAM EXPECTED TO POSSESS THE PROFESSIONAL ADMINISTRATIVE COMPETENCY WHICH IS THE ORDERTIVE OF THE MASTER'S PROGRAM, AND, IN ADDITION, THE STUDENT MUST SHOW EVIDENCE OF COMPETENCY IN THE METHODS TOOLS OF RUSINESS RESEARCH, INCLUDING APPROPRIATE KNOWLENGE OF QUANTITATIVE METHODS.	FOR PERSTEACHING	164] ONS WHC • BUSIN • ADMIN]	17 178 O WISH AC NESS OR (ISTRATIVE UDFNIT MI)	A 14 BOVANCE GOVERN VF COMP NST SHO	234 STUDY WENT. SY FIENCY SY FIENCY FIENCY SY FIENCY SY FIENCY SY FIENCY SY FIENCY FIE	20 IN RU UDENT HICH GUANT	466 SINESS S ENDO 15 THE COMPET	110 LED IN THI CRECTIVE FORZETIVE METHODS.	PATION S PROG OF THE		A A R F	Z
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HEGIS	HEGIS CATEGORY: 0500 BUSINESS		
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	MARKETING AND PURCHASING U OF OREGON MAIN CAMPUS, OREGON 18 5 21 2 8 5 23 1 19 2 68 10 78 BRIEF PROGRAM DESCRIPTION COVERS A WIDE RANGE OF ISSUES, INCLUDING MARKETING THEORY, CONSUMER AND INDUSTRIAL MARKETING MARKETING RESEARCH AND SALES FORECASTING, MANAGEMENT OF PRODUCT, PRICING, PROMOTION AND	Q Z	Z A
6050	TOTAL		
	18 5 21 3 8 7 23 1 19 3 68 10 78	ec.	

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WICHF DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 0500 BUSINESS

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HFG1S CODF	**** EARNED DEGREES CONFERRED ***** GIS NAMF OF PROGRAM/ 1973-74 1974-75 1975-77 1977-78 GRADUATE ENROLLMENT 1977-79 DF INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	MANDATORY CFTLING ON FNROLLMFNT	CETLING LEVEL REACHFF
	COUNT		
0515	U OF OREGON MAIN CAMPUS, OREGON 27 3 1 27 3 21 0 59 7 66 BRIEF PROGRAM DESCRIPTION HUMAN RESOURCES MANAGEMENT FMPHASIZES PEPSONNEL MANAGEMENT AND LABOR PFLATIONS IN PUBLIC AND PRIVATE OPGANIZATIONS, REHAVIORAL SCIENCE AND LABOR FCONOMICS, COMPENSATION, COLLECTIVE RARGAINING, AND CONFLICT AND CHANGE.	NO IVATE	2
0515	15 TOTAL 22 25 1 22 3 21 0 59 7 66		
	COUNT		
0517	17 BUSINESS ECONOMICS CLAREMONT GRADUATE SCHOOL, CALIFORNIA RIFF PROGRAM DESCRIPTION SAME AS BUSINESS ADMINISTRATION BUT A CLOSER INVOLVEMENT WITH THE FIFLD OF FCONOMICS.	CN	Z A
	BUSINESS ECONOMICS U OF SOUTHERN CALIFORNIA. O 1 0 6 RRIFF PROGRAM DESCRIPTION SPECIALIZATION IN BUSINESS ADMINISTRATION. INCLUDES MANAGERIAL ECONOMICS. FCONOMIC FORECASTING.	CZ	Z A

HEGIS CATEGORY: 0500 BUSINESS

		**	**** EARNED DEGREFS CONFERRED ****	DEGREFS CO	NFERRED **	***				MANDATORY CETLING	CETLING
HEGIS	HEGIS NAME OF PROGRAM/	1973-74	1973-74 1974-75	1975-76	1976-77	1977-78	GRADUATE E	NROLLMFNT	1977-7R	1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 CFILING ON LEVEL	LEVEL
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		15 0	15 0 10 2	16 5	16 5 17 3 16 3 63	16 3	63	59	26	YES	YES
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	PLANNING ST	PLANNING STAGE. RESEARCH INCLUDES MARKET & INVESTMENT ANALYSIS. TRANSPORTATION. INTERNATIONAL	TH INCLUDES	MAPKET & IN	VESTMENT AN	ALYSIS. TRA	NSPORTATION	INTERNAT	TONAL		
	TPANE .NATIO	TPADE.NATIONAL OR REGIONAL DEVELOPMENT, ENERGY/MINFRAL SUPPLY & DEMAND, COMPFITION, FINANCE.	NAL DEVELOP	MENT, ENERG	Y/MINERAL S	IJPPLY & DEM	AND, COMPET	ITION. FIN	ANCE.		
	OPFRATIONS	OPFRATIONS RESEARCH. PREREGS INCLUDE: MSC IN MINEPAL ENG OR MINEPAL ECONOMICS OR EQUIVALENT	PERENS INCLU	DF: MSC IN	MINEPAL ENG	OR MINEPAL	ECONOMICS	OR EQUIVALE	LNT		
	FXPFRTFNCF	EXPERIENCE, STATISTICS, RASIC FOONOMICS, GRE ABITTUDE.	RASIC FCON	OMTCS. GDF	APTITUDE.						

31 RRIEF PROGRAM DESCRIPTION
RESOURCES AND ENVIRONMENTAL ECONOMICS. PUBLIC FINANCE. REGULATORY ECONOMICS AND REGIONAL
ECONOMICS.INTERNATIONAL ECONOMICS AND HISTORY OF ECONOMICS THOUGHT. ARILITY TO USE MATH AND
STATISTICAL TOOLS OF RESEARCH. ~ 2 0 C S FCONOMICS UNIVERSITY OF WYOMING. WYOMING

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TOTAL 0517

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CATEGORY TOTAL

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HEGIS CATEGORY: 0600 COMMUNICATIONS

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MANDATORY CFILING ON FNROLLMENT	Ç	C Z	NO NIST TOF	ON F	06	2
MAN NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GPADUATF ENPOLLMFNT 1977-78 CF INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FNE	COMMUNICATIONS STANFORD UNIVERSITY, CALIFORNIA 35 S 32 S 46 15 35 R 37 B RRIEF PROGRAM DESCRIPTION JOUDNALISM, FILM, AND RROADCASTING; COMMUNICATIONMEDIA AND SOCIAL CHANGE: ATTITUDE FORMATION; AND CHANGE; COMMUNICATION BEHAVIOR THROUGH THE LIFE CYCLE; COMMUNICATION AND MEALTH; INFORMATION SCIENCES: AND PUBLIC AFFAIRS COMMUNICATION.	COMMUNICATIONS U OF SOUTHFRN CALIFORNIA 0 10 0 0 14. RRIFF PROGRAM DESCRIPTION INTERDISCIPLINARY PROGRAM WITH EMPHASIS IN CINEMADR DRAMA OR SPEFCH COMMUNICATION. PRFREQUISITES: GRE APTITUDE: AT LEAST 4 UNDERGRADUIATE COURSES IN AREA OF EMPHASIS.	COMMUNICATION S 6 4 1 0 3 9 6 0 2 BRIEF PROGRAM DESCRIPTION INTERPERSONAL AND GROUP COMMUNICATION, INTERPRETATION, JOURNALISM, LANGUAGE REHAVIOR, MASS COMMUNICATION, OPGANIZATIONAL COMMUNICATION, PUBLIC DISCOURSE, RHETORICAL CRITICISM, CANDIDATES MUST ACHIEVE COMPETENCY IN A MINIMUM OF FOUR AREAS OF SPECIALIZATION, STUDIES IN A COGNATE FIELD OUTSIDE THE DEPARTMENT IS REQUIRED.	COMMUNICATIONS UNIVERSITY OF WASHINGTON, WASHINGTON S 7 1 17 4 14 0 13 2 91 23 74 BRIEF PROGRAM DESCRIPTION THE PH.D. PROGRAM PROVINES THREE OPTIONAL SPECIALIZATIONS: COMMUNICATION THEORY & METHODOLOGY. COMMUNICATION HISTORY & INTERNATIONAL COMMUNICATION. THESE BUILD ON A GENERAL BASE WHICH THE STUDENT	IS EXPECTED TO HAVE PRIOR TO MATRICULATION——I.E., AN UNDERGRADUATE DEGREE IN JOURNALISM OR COMMUNICATIONS OP ITS EQUIVALENT, IN STUDY AND/OR EMPLOYMENT, APPLICANTS MUST SUBMIT THE RESULTS OF THE GRE & THE MILLER ANALOGIES TEST SCORE.	UNIVERSITY OF COLORADO. COLORADO 27 4 50 5 14 11 13 9 12 6 BRIFF PROGRAM DESCRIPTION CURRICULAR FMPHASES OR SUBSPECIALTIFS: INTERPERSONAL COMMUNICATION. THFORY OF MASS COMMUNICATION. COMMUNICATION EDUCATION. ORGANIZATIONAL COMMUNICATION. SOCIAL SCIENCE. RESEARCH. RHETORICAL COMMUNICATION EDUCATION MANAGEMENT. SPECIAL ADMISSIONS PROUIRFMENTS: M.A. DEGREE. PRIMARY CARFERS: ACADEMIC INSTITUTIONS, BUSINESS. SFRVICE ORGANIZATIONS, PRIVATE CONSULTING.
HEGIS NAME	576	=	N	NO.		V

0601 TOTAL

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UNICAL	1973-74 MAST DOC	v	THEOR LIFORN O DESCRI BASED CIENCE	0 -	67
HEGIS CATEGORY: 0600 COMMUNICATIONS	NAME OF PROGRAM/ INSTITUTION	COUNT	COMMUNICATION THEORY AND RESEARCH U OF SOUTHERN CALIFORNIA, 0 0 0 RRIFF PROGRAM DESCRIPTION QUANTITATIVE BASED SOCIAL SCIENCE BEHAVIOPAL SCIENCE DEGREE.	TOTAL	CATFGORY TOTAL
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HEGIS CATEGORY: 0700 COMPUTER SCIENCES

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CF IL ENROL	•	•				-
T 1977-78	63 AND IN	143 COMPUTER TIFICIAL SYSTEMS.	ev en	40 SYSTEMS. ALMOST ETTERS OF	72 TE FOR STA CONOMIC SIGN OF	243
GRADUATE FNROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	27 0 23 1 25 1 38 25 AND PROFICIENCY IN HIGH-LEVEL PROGRAMMING LANGIJAGE AND	AND INTELLECTUAL ROLFS OF AUTOMÁTIC DIGITAL COMPUTERS SCIENCE. AREAS OF CONCENTDATION INCLUDE ARTIFICIAL ALGORITHMS.DESIGN OF COMPUTER AND PROGRAM SYSTEMS.	0	O 35 5 40 SYSTEMS AND INFORMATION SYSTEMS. NCFS. GRADS FIND CAREEPS ALMOST COMPUTING SCIENCE, TWO LETTERS	PROCEDURES FOR SOLVING PROBLEMS: LANGUAGES APPROPRIATE FOR SYSTEMS FOR EXECUTING THESE PROCEDURES; SACIAL AND ECONOMIC COMPLIFRS; COMPLEX INFORMATION PROCESSING AND THE DESIGN OF FOURTREMENTS; MINIMIM OF TWO YEARS OF CALLER LEVEL MATHEMATICS PROGRAMMING; GRE APTITUDE TEST.	10 58 9 49 11
GRADIJATE B	38 POGRAMMIN	OF AUTOMA NTRATION :	32	13 0 8 0 9 0 35 AND MARDWARE, OPERATING SYSTEMS AND INF BASIS FOR COMPUTING SCIENCES, GRADS FIR REO.: MASTEP'S DEGREE IN COMPUTING SCIE	S4 LANGUAGES DURFS; SOC	
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DEGREES CONFERMED 1975-76 1976- MAST DOCT MAST D	27 AND PRO	OLOGICAL AND INTELLECTUAL COMPUTER SCIENCE, AREAS LYSIS OF ALGORITHMS.DESTAND NUMERICAL ANALYSIS.	-		2 200EDUR 7STEMS 1MREUTER 200GRAM	78
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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 0700 COMPUTER SCIENCES

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 0700 COMPUTER SCIENCES

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AND OF FEEDBACK. CONTROL COMMUNICATION AND COMPUTATION. IN BOTH NATURAL AND ARTIFICIAL SYSTEMS. FMPHASIS IS GIVEN TO PRACTICAL LARDRATORY WORK. PARTICULARLY IN THE APFAS OF IMPLEMENTING TPANSLATORS FOR PROGRAMMING LANGUAGES AND THE DESIGN OF COMPUTERS.

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

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NAME OF PROGRAM/ INSTITUTION	TOTAL	COUNT	SPECIAL EDUCATION UNIVERSITY OF ARIZONA, ARIZONA 72 5 93 6 172 5 11! 3 95 7 8! 98 179 RRIEF PROGRAW DESCRIPTION CONCENTRATIONS AVAILABLE IN BEHAVIORALLY DISORDERED, HEARING IMPAIRED, EARLY CHILDHOOD HANDICAPPED, LEARNING DISABILITIES, MENTAL RETARDATION, MULTIPLE AND SEVERELY HANDICAPPED, VISUALLY HANDICAPPED, OR SPECIAL EDUCATION ADMINISTRATION.	SPECIAL EDUCATION U OF CAL BERKELEY. CALIFORNIA 0 0	SPECIAL EDUCATION U OF CAL LOS ANGELES, CALIFORNIA 1 0 1 BRIFF PROGRAM DESCRIPTION MAJOR EMPHASIS IS ON CHILDREN WITH L DISTURRED, EXTENSIVE FACILITIES FOR THESE INCLUDE THE NEUROPSYCHIATPIC CHILDREN, THE FERNALD SCHOOL & THE	SPECIAL FOUCATION U OF SOUTHERN CALIFORNIA, CALIFORNIA U OF SOUTHERN CALIFORNIA, CALIFORNIA BRIEF PROGRAM DESCRIPTION REHAVIOR DISORDERS, LEARNING DISABILITIES, MENTALRETARDATION, FARLY CHILDHOOD; HUMAN DIFFERENCES AND COMMONALITIES IN LEARNING AND COGNITION, REHAVIORAL AND AFFECTIVE DOMAINS, DSYCHOMOTOR ABILITIES, PREFEQUISITES: GRE APTITUDE; MASTER'S DEGREE; ADMISSIONS EXAM.
HEG1S CODE	1080		8080			

HEGIS CATEGORY: 0800 EDUCATION

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GRADUATE ENPOLLMENT 1977-78 FILL-TIME PART-TIME TOTAL		29 F. AND FXP	59		11 22 EDUCATION, COMPARATIVE	0 11 9 20 CREATIVE SCHOLAR-PRACTITIONERS	10 INTERCULTURAL EDUCATION.
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HEGIS CATEGORY: CONTROL ENCOUNTED ON THE STATE OF PROGRAM 197	COUNT	SPEECH & HEARING SCIENCES UNIVERSITY OF ARIZONA, ARIZONA 14 0 13 0 27 0 21 0 16 1 29 14 BRIEF PROGRAM DESCRIPTION DOCTOR OF PHILOSOPHY DEGREE IS DESIGNED TO PROVIDETHE TOOLS, KNOWLEDGE, AND FXPERIENCE IN RUT NOT TO PROVIDE SPECIALIZATION IN CLINICAL PURSUITS.	TOTAL		FOUNDATIONS OF EDUCATION UNIVERSITY OF ARIZONA, ARIZONA 4 0 13 0 A 10 13 0 BRIFF PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILABLE IN HIST EDUCATION, AND SOCIAL FOUNDATIONS OF	SOCIAL FOUNDATIONS CLAREMONT GRADUATE SCHOOL. CALIFORNIA 0 0 0 0 BRIFF PROGRAM DESCRIPTION PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS THROUGH INDIVIDUALIZED PROGRAMS OF INDUIRY.	SOCIAL AND PHILOSOPHICAL FOUNDATIONS OF EDUCATION U OF SOUTHERN CALIFORNIA, CALIFORNIA 0 0 0 0 0 3 20 BRIEF PROGRAM DESCRIPTION HISTORY, PHILOSOPHY, SOCIOLOGY OF EDUCATION; INTERNATIONAL AND PREREQUISITES: GRE APTITUDE; MASTER'S DEGREE: ADMISSIONS EXAM.
HEGIS CODE		0815	0815		0821		

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

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	GRADUATE ENPOLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	66	GRADUATE PROGRAM IN EDUCATION, EDUCATIONAL LEADFRSHIP IN ASPECTS WITH THE EVALUATION & FORMULATING EDUCATIONAL POLICY, ESPECTALLY OF THE SCHOOL, GRADS APF PREPARED TO ASSUMF LEADFRSHIP ROLES IN SCHOOLS & TFACHFR FOUCATION INSTITUTIONS, PREPEGS: MILLER'S RENCF, EVIDENCE OF RESEARCH & WRITING ARILITY.	e	IEF PROGRAM DESCRIPTION EDUCATIONAL ADMINISTRATION. HIGHER EDUCATION. AND EDUCATIONAL POLICY. GRADUATES PREPARED FOR LEADERSTIONAL ADMINISTRATION. HIGHER EDUCATION LEADERSHIP ROLES IN ELEMENTARY AND SECONDARY SCHOOLS. EDUCATIONAL AGENCIES AND HIGHER EDUCATION PREREQUISITES FOR ADMISSION INCLUDE: ACCEPTABLE SCORF ON MAT OR GRE. APPROPRIATE EXPFRIENCE AND REFERENCES. 3.0 GRADUATE GPA.		PROGRAM DESCRIPTION PH.D. IN CULTURAL FOUNDATIONS IS INTERDISCIPLINARY IN NATURE AND INVOLVES THE STUDY OF THE PH.D. IN CULTURAL FOUNDATIONS IS INTERDISCIPLINES IS REQUIRED. THE FORM. PHILOSOPHY, AND SOCIOLOGY OF EDUCATION. STUDY IN COGNATE DISCIPLINES IS REQUIRED. THE JS OF THE PROGRAM IS THE CRITICAL EXAMINATION OF THE EDUCATIONAL ENTERPRISE AS AN IMPORTANT FURAL PHENOMENON. INSTRUCTION AND RESEARCH DEALS PRIMARILY WITH THE PURPOSES AND USES OF SATION WITHIN THE CONTEXT OF 19TH AND 20TH CENTURY REFORM MOVEMENTSIN EDUCATION.		CCTAL FOUNDATIONS OCTAL FOUNDATIONS O 0 0 0 0 0 0 0 0 1 1 8 0 16 2 TEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECTALTIES: FOUNDATIONS OF EDUCATION: INTERDISCIPLINARY FMPHASES IN ASIAN. RELIGIOUS FONS., COMPARATIVE & INT'L. ED. POLICY STUDIFS; ED FUTURES & AREA STUDIES (AFRICAN, ASIAN.) RELIGIOUS FONS., COMPARATIVE & INT'L. ED. POLICY STUDIFS; EDUCATION), PRIMARY CAPEFRS: SCHOOL TATIN AMFRICAN OR MIDDLE EASTERN & ALTERNATIVE—EXPERIENTIONS, INTERNATIONAL PROGRAMS, CONFLICT & TEACHER: DECISION MAKER: EDUCATOR IN RELIGIOUS INSTITUTIONS, INTERNATIONAL PROGRAMS, ALTERNATIVE SCHOOLS & OTHER EDUCATIONAL STUDIFS: TEACHER-EDUCATOR IN HIGHER EDUCATION.
	GRADUATE FULL-TIME	ហ	ATING EDUCATIONAL LE TATING EDUCATIONAL I PAREN TO ASSUMF LE INSTITUTIONS. PRER & WRITING ARILITY.	pri eri.	GENCIES AP		IS INTERDISCIPLINARY IN NATURE AND INVOLVES THE STAY OF EDUCATION. STUDY IN COGNATE DISCIPLINES IS RELICAL EXAMINATION OF THE EDUCATIONAL FNTERPRISE AS AN AND RESEARCH DEALS PRIMARILY WITH THE PURPOSES AND 19TH AND 20TH CENTURY REFORM MOVEMENTSIN EDUCATION.		NTERDISCT SS. AREA ION) PRIM NATIONAL
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HEGIS CATEGORY: 0800 EDUCATION	NAME OF PROGRAM/ INSTITUTION	EDUCATIONAL U OF HAWAII AT	RRIEF PROGRAM DESCRIPTION OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM IN FOUCAT & PROBLEMS OF SOCIETY ASSOCIATED WITH THE EVALUATION & FORMU WHERE POLICY CONCERNS SOCIAL ROLE OF THE SCHOOL. GRADS APF PR EDUCATION. PARTICULARLY IN PUBLIC SCHOOLS & TFACHFR FOUCATION ANALOGIES TEST: 3 LETTERS OF REFERENCE.	SOCIAL FOUNDATIONS OF OREGON MAIN CAMPUS. ORFGON	BRIFF PROGRAM DESCRIPTION EDUCATIONAL ADMINISTRATION. HIGHER EDUCATION. AND EDUCATIONAL ADMINISTRATION. HIGHER EDUCATION. AND LEADERSHIP ROLES IN ELEMENTARY AND SECONDARY SCHOOLS. PREREQUISITES FOR ADMISSION INCLUDE: ACCEPTABLE SCORF REFERENCES. 3.0 GRADUATE GPA.	CULTURAL FOUNDATIONS OF EDUCATION UNIVERSITY OF UTAH. UTAH 4 4 6	BRIEF PROGRAM DESCRIPTION THE PH.D. IN CULTURAL FOUNDATIONS IS I HISTORY, PHILOSOPHY, AND SOCIOLOGY OF FOCUS OF THE PROGRAM IS THE CRITICAL CULTURAL PHENOMENON. INSTRUCTION AND F EDUCATION WITHIN THE CONTEXT OF 19TH	SOCIAL FOUNDATIONS UNIVERSITY OF WYOMING,	SOCIAL FOUNDATIONS UNIVERSITY OF COLORADO. COLORADO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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HEGIS CATEGORY: 0800 EDUCATION	#**** #### FARNED DEGREFS CONFERREN ***** HEGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-74 1977-78 GRANUATF ENROLLMFNT 1977-78 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	0821 TOTAL	29 4 37 11 36 15 28 14 41 21 38 63 262	COUNT	CC CC	0822 EDUCATIONAL PSYCHOLOGY ARIZONA STATE UNIVERSITY. ARIZONA 12 7 22 7 20 10 12 10 60 14 74	BRIEF PROGRAM DESCRIPTION CONCENTRATED STUDIES IN THE FIELD OF EDUCATIONAL PSYCHOLOGY. COURSES IN STATISTICS AND RESEARCH CONCENTRATED STUDIES IN THE FIELD OF EDUCATIONAL POSITIOIONS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF EDUCATIN & FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL DIL DISTRICTS AND GOVERNMENTAL AGENCIES. PREREGS: MADEGREF. CARFER FOUCATIONAL FXPERIFNCE. GRF OR MATTABLE GRE OR MAT SCORES.	EDUCATIONAL PSYCHOLOGY NORTHERN ARIZ UNIVERSITY, ARIZONA R 1 35 0 53 2 79 3 99 0 99	S EMPHASIZE GUIDANCE AND COUNSELING OR SCHOOL PSYCHOLOGY. PREPAR	EDUCATIONAL PSYCHOLOGY UNIVERSITY OF ARIZONA, ARIZONA 23 7 25 10 21 6 13 5 52 56 108	PTION ILABLE FOR DOCTORAL DEGREE PROGRAMS IN SCHOOL PSYCHOL IN MEASUREMENT, RESFARCH, AND STATISTICS IN EDUCATION.	EDUCATIONAL PSYCHOLOGY CLAREMONT GRADUATE SCHOOL, CALIFORNIA 0 1 0 1 0 0 1 5 6	RRIEF PROGRAM DESCRIPTION PROGRAMS IS THEDEVELOPMENT OF CPFATIVE SCHOLAR-PRACTITIONERS THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.	EDUCATIONAL PSYCHOLOGY U OF SOUTHFRN CALIFORNIA U OF SOUTHFRN CALIFORNIA 0 0 0 0 92	IPTION LOPMENT; PERSONALITY AND SOCIALIZATION; RESEARCH METHODOLOGY. PREREQUISITES S DEGREE; ADMISSIONS EXAM.

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***** 1977-78 CT MAST DOCT	8 44 STGNED T SELING P	6 21 IFNCES A G: AS PR ISTRATOR	4 6 ALIZATIO PSŸCH• S D NATURE GF TEACH	2 97 DANCE, E M OF 3 SITE, RE S OFFERE FGREE PL	5 42
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NAME OF PROGRAM/ INSTITUTION	REHABILITATION COUNSELING O	EDUCATIONAL PSYCHOLOGY OF HAWAII AT MANOA. HAWAII 63 7 60 3 BRIEF PROGRAM DESCRIPTION LEARNING MEASUREMENTS. STATISTICS PREPARED FOR CAREERS IN UNIVERSITY SERVICE: AND AS DISTRICT. CITY AND PSYCHOLOGY OP EDUCATION): MILLER'S	EDUCATIONAL PSYCHOLOGY U OF OREGON MAIN CAMPUS, OREGON LS 52 BRIFF PROGRAM DESCRIPTION WIDE RANGF OF EDUCATIONAL PSYCHOLOGY ISSUES WITH SPECIALIZATION TAILORED BY THE STUDENT TO MEET HIS OWN CAREER NEEDS. SUPSPECIALITIES INCLUDE: GENERAL ED PSYCH. SCHOOL PSYCH. HUMAN DEVELOPMENT. AND RESEARCH AND MEASUREMENT. BECAUSE OF THE INDIVIDUALIZED NATURE OF THE PROGRAM. STUDENTS CAN PREPARF THEMSELVES FOR A VARIETY OF CAREERS RANGING FROM COLLEGF TEACHING AND RESFARCH TO THE ESTABLISHMENT. EVALUATION. AND DIRECT PROVISION OF A WINE RANGE OF EDUCATION—RELATED PROGRAMS.	FOUCATIONAL PSYCHOLOGY 68 14 103 27 89 34 112 32 97 18 68 14 103 27 89 34 112 32 97 18 8RIEF PROGRAM DESCRIPTION AN ED.D. IS OFFERED IN THE FIELDS OF COUNSELING & GUIDANCE, EDUCATIONAL PSYCHOLOGY & SPECIAL EDUCATION, A VALID TEACHING CREDENTIAL AND/OR A MINIMUM OF 3 YFARS; APPROPRIATE PROFESSIONAL EXPERIENCE, AS WELL AS A MASTER'S DEGREE ARE PREFROUISITE, REQUIREMENTS INCLUDE 75 SEMESTER PLUS DISSERTATION CREDIT, A PH.D. IN THE SAME FIELDS IS OFFERED, PROVIDING THE AROVE PREFROS MET. THE PH.D. REQUIRES 24 HOURS BEYOND THE MASTER'S DEGREE PLUS AMINIMUM OF 18 CREDIT HOURS DISSERTATION.	EDUCATIONAL PSYCHOLOGY UNIVERSITY OF UTAH, UTAH 45 29 9RIEF PROGRAM DESCRIPTION
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HEGIS CATEGORY: 0800 EDUCATION

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

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NAME OF PROGRAW/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLHFINT 1977-78 CE INSTITUTION MAST DOCT FULL-TIME PART-TIME TOTAL FINE CALLATIONAL AND CAM. UTAH RRIFF PROGRAM DESCRIPTION A DOCTOR OF FOLCATION (ED. 6) DEGREE IS OFFERED IN FOUR MAJOR AREAS. I.E ADMINISTRATION IN HIGHER ADMINISTRATION. PUBLIC SCHOOL ADMINISTRATION. OF THE FOLCATIONAL ADMINISTRATION. HIS IS A 75 HOUR PROGRAM PLUS A 12 CHEDIT HOUR DISSEPTATION REQUIREMENT. PREPRIETE TO THIS DEGREE: A STUDENT HAVE A MINIMUM OF THREF YEARS OF PROFESTIONAL EXPERSIONAL EXPERSIONAL BURILLY OF UTAH. UTAH EDUCATIONAL ADMINISTRATION UNIVERSITY OF UTAH. UTAH 27 20 24 30 20 21 10 11 6 14 99 95 97 CONCENTRATION THE ED.D. DEGREE IN ANY ONF OF 3 AREAS OF CONCENTRATION THE ED.D. BEGREE IN EDUCATIONAL LAW & EMPLOYMENT RELATIONS. (2) EDUCATIONAL LAW & EMPLOYMENT RELATIONS. (2) EDUCATIONAL LAW & SHELD YMENT RELATIONS. (2) EDUCATIONAL LAW & SHELD YMENT RELATIONS. (2) EDUCATIONAL OPERANCE OF THE PH.D. DEGREE PROGRAMS. (2) EDUCATIONAL STUDIES. THE PH.D. DEGREE PROGRAMS. (2) EDUCATIONAL STUDIES. THE PH.D. DEGREE PROGRAMS. (3) ORGANIZATIONAL STUDIES. THE PH.D. DEGREE PROGRAMS. (4) OPERANCE STUDIES. THE PH.D. DEGREE PROGRAMS. (5) ORGANIZATIONAL STUDIES. THE PH.D. DEGREE PROGRAMS. (6) OPERANCE STUDIES. THE PH.D. DEGREE PROGRAMS.

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NAME OF PROGRAM/ I	TOTAL 4	COUNT	READING UNIVERSITY OF ARIZONA, ARIZONA 57 5 58 3 70 2 50 0 61 1 40 130 1 BRIEF PROGRAM DESCRIPTION CONCENTRATIONS ARE DESIGNED TO PREPAPE SPECIAL READING TFACHERS, READING CLINICIANS, READING CONSULTANTS, READING SUPFRVISORS, COLLEGE TEACHFRS, AND RESEARCHERS.	READING EDUCATION U OF NORTHERN COLORADO, COLORADO 30 6 42 3 43 3 48 5 31 3 BRIEF PROGRAM DESCRIPTION THE FO.D. IN READING PROVIDES ADVANCED PROFESSIONAL PREPARATION IN READING AND RESEARCH FOR THE PREPARATION OF INSTRUCTORS OF READING FOR INSTITUTIONSOF HIGHER EDUCATION AND THE PREPARATION OF PUBLIC SCHOOL COORDINATORS, CONSULTANTS, AND SUPFRVISORS.	READING FOUCATION O 0 41 5 56 4 45 6 RRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: CERTIFICATION PROGRAM FOR READING TEACHER & RFADING SPECIALIST. MEETS RECOMMENDED PROGRAM OF THE INTERNATIONALREADING ASSOCIATION. PRIMARY CARFERS: IN	HIGHER EDUCATION: READING TEACHER, DIRECTOR OF READING PROGRAM, OR RESEARCH SPECIALIST IN READINGS IN LARGE SCHOOL DISTRICT; DIRECTOR OF READING; IN STATE DEPARTMENT OF EDUCATION OR FFDERAL GOVERNMENT EDUCATION: CONSULTANT OR ADMINISTRATOR.
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-78 DOCT	TEAC NOED END	un .	0 10 68/	1 NTFD F	DH.D. D. W.
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FERRED	19 DERSHI ON AN RECOF	6	S GREAP1 ING F	13 REHENS AND IN	19 G EMPH SITION COLLE
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DEGREFS CONFERRED 1975-76 1976-7 MAST DOCT MAST DO	12 S 19 TION FOR LEADERSHIP ADMINISTRATION AND CE. GRADUATE RECORD T SUPPORTING AREA.	12	1 REGUIST YEAR'S	7 4 13 0 ENTS AS COMPREHENSIVEL, CONSULTING, AND IN ADMI TURAL RESPONSIBILITIES.	25 WITH V RESEAR SCHOOL
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# 1973-74 MAST DOCT	CAMPU- 13 DESCRI COMMUI REE TI	13	I FOPN I FOPN ESCRI	OPADO OPADO BESCRI IGNED TISE	CAMPU CAMPU DESCRI E DESG E OLL
NAME OF PROGRAM/ INSTITUTION	ART EDUCATION 13 1 8 1 12 5 19 13 1 8 1 12 5 19 RRIEF PROGRAM DESCRIPTION PH.D. OF D.ED. WITH CAREER PREPARATION FOR LEADERSHIP SUPERVISION. COMMUNITY FOUCATION. ADMINISTRATION AND MASTER'S DEGREE. TEACHING FXPERIENCE. GRADUATE RECORD EMPHASIS ON ART EDUCATION: PELEVANT SUPPORTING AREA.	TOTAL	MUSIC EDUCATION U OF SOUTHERN CALIFORNIA, CALIFORNIA 4 4 1 1 2 2 3 0 RRIEF PROGRAM DESCRIPTION PROFFSSIONAL TEACHING PROGRAM, PREREQUISITES: GREAPTITUDE; MUSIC GRADUATE ENTRANCE EXAMS: PIANO AND VOCAL PROFICIENCY; BM AND MM; ONE YEAR'S TEACHING EXPERIFNCE.	MUSIC EDUCATION U OF NORTHERN COLORADO, COLORADO R 0 10 0 7 4 13 0 7 1 RRIFF PROGRAM DESCRIPTION A PROGRAM DESIGNED TO PREPARE STUDENTS AS COMPREHENSIVELŸ-ORIENTFO FONCATOR-MUSICIANS, AND DEVELOP EXPERTISE IN TEACHING, IN CONSULTING, AND IN ADMINISTRATION WITHIN PUBLIC SCHOOLS, MUSIC EDUCATION, AND COMMUNITY CULTURAL RESPONSIBILITIES.	MUSIC EDUCATION O 0 0 0 RRIFF PROGRAM DESCRIPTION THREE SEPARATE DEGREES ARE OFFERED PRIMARILY FOR COLLEGE TEACHING AND ADMINISTRATIVE POSITIONS IN PUBLIC D.M.A. WITH TEACHING EMPHASIS. FOR
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HEGIS CATEGORY: 0800 EDUCATION

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ATE ENBOL	MFNT. FLE NT. PE AN LIST RESE	BASIS. PHYSICAL ENUCATION AT THE S. AND COPPECTIVE PHYSICAL EDUCA PPEFORMANCE LABORATORY OF A SMALL ANTMAL EXPERIMENTAL	ND LEISUR ITY HEALT PHILOSO AND EDUC	YSTOLOGY. HIPFMENT N: 2) ONE R. A DETA IL! ER ANA
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	PHYSICAL FOUCATION F OREGON MAIN CAMP 32 RIFF PROGRAM DESCR ADMINISTRATION OF AND DEVELOPMENT B SCIENCES. PHYSIOL ADMINISTRATOR. CO	DHYSICAL EDUCATION GHAM YOUNG IJ MAIN 23 RIFF PROGRAM DESCR AREAS OF FMPHASIS ELEMENTARY LEVEL. REHABILITATION. TI	HEALTH: PHYSICAL FDUC UNIVERSITY OF UTAH, UTAH, RRIFF PROGRAM DESCRIPT ADMINISTRATION AND LI CURRICULUM DEVELOPMEN NUTRITION SCIENCE: SO IN PHYSICAL ED: PHY THERAPEUTIC PEC: COM	PHYSICAL EDUCATION HINGTON ST UNIVERSITE DROGRAM OF SCE THE PROGRAM IS OF STISFACTORILY CONTINE OF TRANSLAT COMPUTER SCIFIC G.P.E.
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HEGIS CODE	***** EARNED DEGREFS CONFERRED **** NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATF FUROLLMFUT 1977-78 CFILING ON INSTITUTION MAST DOCT M	ORY CETLING IG ON LEVEL MENT REACHFO
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0837	HEALTH EDUCATION U OF OREGON MAIN CAMPUS, OREGON 10 3 10 5 22 4 16 3 16 3 24 8 32 NO BRIEF PROGRAM DESCRIPTION DOCTORAL PROGRAMS IN SCHOOL AND COMMUNITY HEALTH.OPTIONS AVAILABLE IN GERONFOLOGY, TRAFFIC SAFETY, ALLIED HEALTH PROFESSIONS, AND HEALTH ADMINISTRATION. NUMEROUS RESEARCH. EVALUATION. AND STATISTICS EQUIPMENT AND FACILITIES AVAILABLE, PREREQUISITES: M.S., ACCEPTABLE MILLERS OR GRE SCORFS, TWO YEARS TEACHING EXPERIENCE. STATEMENT OF PURPOSE AND RECOMMENDATION LETTERS, EXCELLENT EMPLOYMENT OPPORTUNITIES IN UNIVERSITIES. COMMUNITY HEALTH AND HFALTH CARF INSTITUTIONS.	4 2
	HEALTH: HEALTH SCIENCE UNIVERSITY OF UTAH, UTAH 19 15 17 10 10 5 9 11 13 2 RAIEF PROGRAM DESCRIPTION SEE 0835 HEALTH: PHYSICAL EDUCATION, FNFRAL HEALTH FDUCATION AND COMMUNITY HFALTH PROBLEMS.	4 2
0837	TOTAL	
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	C.	
0838	BUSINESS EDUCATION U OF NORTHFRN COLORADO, COLORADO S 3 S 11 1 10 2 8 42 5 BRIFF PROGRAM DESCRIPTION	A
	A PROGRAM PLANNED TO PREPARE PERSONS FOR TEACHING IN COLLEGE. SCHOOLS. AND DEPARTMENTS OF BUSINESS.OR TO PREPARE PERSONS TO TEACH IN BUSINESS TEACHEREDUCATION DEPARTMENTS IN COLLEGES OR UNIVERSITIES.THE PROGRAM PROVIDES A BACKGROUND IN RESEARCH METHODOLOGY. BUSINESS. AND PROFESSIONAL FOUCATION COURSES.	

	CEILING LEVEL REACHED	a Z	Ç Z			a Z	A X
	MANDATORY C CFILING ON L ENROLLMENT R	NO ATHE	YFS			NO DE RE	No ON.
TION	***** EARNED DEGREFS CONFERRED ***** 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATF ENROLLMFNT 1977-78 CFTT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FUR	USINESS FOUCATION ON STATE UNIVERSITY, OREGON ON STATE UNIVERSITY, OREGON ON 25 0 25 0 24 1 19 0 13 0 5 0 24 IEF PROGRAM DESCRIPTION THE BUSINESS AND DISTRIBUTIVE EDUCATION DEPARTMENT OFFERS GRADUATE PROGRAMS LEADING TO THE MASTER OF FOUCATION AND MASTER OF SCIENCE DEGREES, COURSEWORK IN THIS DEPARTMENT MAY RE USED AS A FIRST OR SECOND MINOR ON A DOCTORAL PROGRAM WITHOUT VOCATIONAL EDUCATION, THE PROGRAM IS FLEXIBLE TO MFFT THE NEEDS OF CANDIDATES, OPTIONS INCLUDE COURSES IN VOCATIONAL EDUCATION, RUSINESS EDUCATION.	AIN CAM, UTAH 3 0 58 0 13 0 12 0 ESCRIPTION EDUCATION PROGRAM WAS APPROVED FOR THE DEPARTMENT IN 1973, THE FIRST DEGREE WAS EGUST 1978, IN 1977 THE PH.D. PROGRAM WAS APPROVED FOR THE DEPARTMENT-NO LONGEP WILL K TOWARD A DOCTOR OF EDUCATION DEGREE IN THE DEPARTMENT.	36 3 39 11 83 11 34 8 67 5 5 n 19n		7 17 4 14 3 13 4 PARE PERSONS AS INDUSTRIAL APTS PROGRAM SPECIALISTS. ADMINISTRATORS. RESEARCH IN INDUSTRIAL ARTS EDUCATION. ITS MAIN FUNCTION IS TO PROVIED OR INDUSTRIAL ARTS. A FIELD OF SPECIALIZATION IN INDUSTRIAL ARTS WILL ATE AN EFFECTIVE TEACHERIN THE CLASSPOOM AND THE LARORATORY.	VOC & INDUSTRIAL SCI. COLORADO STATE UNIVERSITY. COLORADO 85 12 50 12 112 19 77 1A 68 21 BRIEF PROGRAM DESCRIPTION A MASTER OF FDUCATION. BUSINESS & OFFICE EDUCATION. DISTRIBUTIVE EDUCATION. HOME ECONOMICS EDUCATION. RELATEN VOCATIONAL PROGRAMS. TECHNICAL EDUCATION. TRADE & INDUSTRIAL EDUCATION. A DOCTOR OF PHILOSOPHY DEGREE IS OFFIREN IN VOCATIONAL ADMINISTRATION. VOCATIONAL TEACHER EDUCATION. VOCATIONAL CURRICULUM. POST SECONDARY ADMINISTRATION. AND VOCATIONAL ADULT EDUCATION.
HEGIS CÂTEGORY: 0890 EDUCATION	NAME OF PROGRAM/ INSTITUTION	BUSINESS FOUCATION OREGON STATE UNIVERSITY, OREGON EN PRIEF PROGRAM DESCRIPTION THE BUSINESS AND DISTRIBUTY OF FOUCATION AND MASTER OF SECOND MINOR ON A DOCTORAL I NEEDS OF CANDIDATES, OPTION FOUCATION, AND OTHER RELATED	BRIGHAM YOUNG U MAIN CAM. UTAH O RRIFF PROGRAM DESCRIPTION THE DOCTOR OF EDUCATION PRO AWARDED IN AUGUST 1978. IN STUDENTS WORK TOWARD A DOC	TOTAL	COUNT	INDUSTRIAL ARTS ED. U OF NORTHERN COLORADO, COLORADO 23 7 16 BRIFF PROGRAM DESCRIPTION THE FD.D. IS DESIGNED TO PRE ANDPRODUCERS OR DIRECTORS OF COMPETENT COLLEGE TEACHERS F DEVELOPED TO MAKE THE CANDID	VOC & INDUSTRIAL SCI. COLORADO STATE UNIVERSITY. (85 12 85 12 87 12 88
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HEGIS CATEGORY: 0800 EDUCATION

LEVEL PEACHED CEILING V/N NIA N/A CFILING ON **ENROLLMENT** MANDATORY 9 2 9 PROGRAM MANAGEMENT, PERSONNEL DEVELOPMENT, AND RESFARCH AND DEVELOPMENT IN VOCATIONAL EDUCATION, ALL APPLICATIONS MUST HAVE AT LEAST TWO YEARS OF VOCATIONAL TEACHING OR RELATED EXPERIENCES. METHS REQUIRED. GRADS ARE PREPARED FOR FACULTY POSTTIOTONS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF EDUCATN & FOR ADMINISTRATOR-LEVEL POSTTIONS IN SCHOOL DIL DISTRICTS AND GOVERNMENTAL AGENCIES. GRADUATE ENROLLMENT 1977-78 106 FULL-TIME PART-TIME TOTAL 6 CONCENTRATED STUDIES IN THE FIELD OF EDUCATIONAL TECHNOLOGY. COURSES IN STATISTICS AND RESEARCH 41 66 30 DESIGN. PRODUCTION. ADMINISTRATION AND USE OF INSTRUCTIONAL MEDIA PROGRAMS AND SYSTEMS. 15 C 15 PREREDS: MADEGREE, CAREER FOUCATIONAL EXPERIENCE, GRE OR MATTABLE GRE OR MAT SCORES. 92 C 92 17 MAST DOCT œ 33 7 [14 1977-78 PRFPEQUISITES! GRE APTITUDE! MASTER'S DEGREE! ADMISSIONS EXAM. 25 15 96 25 39 *** MAST DOCT ហ 56 c 1976-77 **** EARNED DEGREES CONFERRED 33 124 c 25 MAST DOCT 30 N 1975-76 59 158 35 EDUCATIONAL INSTRUCTIONAL TECHNOLOGY 0 MAST DOCT 19 0 U OF SOUTHFRN CALIFORNIA . CALIFOPNIA 1974-75 ARIZONA STATE UNIVERSITY, ARIZONA 25 0 91 OREGON STATE UNIVERSITY. OREGON BRIFF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION BRIFF PROGRAM DESCRIPTION MAST DOCT 19 C 1973-74 EDUCATIONAL TECHNOLOGY VOCATIONAL FOUCATION 135 œ. C NAME OF PROGRAMI INSTITUTION TOTAL COLINT COUNT TOTAL HEGIS CODE 0839 0899 0841 0841

HEGIS CATEGORY: 0800 EDUCATION

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GRADUATE ENPOLLMENT 1977-79 FILL-TIME PART-TIME TOTAL	32 DEAF+ COU	15 FERSONS IN STUDENT OF EDUCATIONAL ITY TO TEACH COLL	ID PRODUCTIC	SPECIALIS' RS. SPECIAL CARFERS:
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*** 77 0CT	55 8 TION COUNS!	OLLFGE & UN VG THE PROI ERAL ARTS: OF STUDENT	0 0 ELDS OF IN: - EVALUATION THIS DEGRE!	31 4 21 2 21 3 ES: CERTIFICATION PROGRAM FOR LIRRARY MEDIA SPECIALIST SITY, WITH EMPHASIS ON SCHOOL RESOURCE CENTERS. SPFCIAL IRFMENTS: INTERNSHIP AND PRACTICUM. PRIMARY CARFERS: TE 5 OR ADMINISTRATORS IN LIBRARY/MEDIA PROGRAMS IN INSTITU
DEGREES CONFERPED 1975-76 1976-	73 0 55 PFHARILITATION	REGNS FOR CO E UNDERLYIN DIND IN LINE THE FIELD O	0 0 IN THE FIE USTRUCTIONAL	31 4 ES: CERTIFIC ITY, WITH EN REMENTS: IN' OR ADMINIS' ISTRY: OR RE
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NAME OF PROGRAM/ INSTITUTION	REHABILITATION UNIVERSITY OF ARIZONA, ARIZONA TS S 87 0 73 0 55 8 37 5 71 BRIFF PROGRAM DESCRIPTION CONCENTRATIONS AVAILABLE IN GENFRAL REHARILITATION COUNSELING. SUBSTANCE ARUSER, VOCATIONAL EVALUATION, AND REHARILITATION ADMINISTRATION	COLLEGE STUDENT PERSONNEL WORK U OF NORTHERN COLORADO. COLORADO 4 18 0 10 0 6 0 9 8RIEF PROGRAM DESCRIPTION THE PH.D. IS DESIGNED TO PREPARE PERSONS FOR COLLEGE & UNIVERSITY POSTITIONS IN ALL AREAS OF COLLEGE STUDENT PERSONNEL WORK. THE RATIONALE UNDERLYING THE PROGRAM MAINTAINS THAT PERSONS IN STUDENT PERSONNEL WORK. THE RATIONALE UNDERSTANDING OF EDUCATIONAL PERSONNEL WORK NEED A STRONG BACKGROUND IN LIBERAL ARTS. A BROAD UNDERSTANDING OF EDUCATIONAL PSYCHOLOGY. A THOROUGH KNOWLEDGE OF THE FIELD OF STUDENT PERSONNEL ADMIN. AGILITY TO TEACH COLL STUDENTS & SKILL IN MEASUREMENT. STATISTICS & RESFARCH. THE DOCT PROG IS DESIGNED TO PREPARE GENERALISTS.	INSTRUCTIONAL SCIENCE RRIGHAM YOUNG U MAIN CAM. UTAH 0 0 0 0 0 11 8 BRIEF PROGRAM DESCRIPTION DOCTORAL DEGREE PROGRAMS ARE OFFERED IN THE FIELDS OF INSTRUCTIONAL DEGREE PROGRAM SYSTEMS MANAGEMENT. INSTRUCTIONAL EVALUATION. MAJORS IN THE FIELD OF INSTRUCTIONAL SYSTEMS MANAGEMENT. INSTRUCTIONAL SYSTEMS WITH PSYCHOLOGY. THIS DEGREE IS DESIGNED FOR THOSE WHO WILL HAVE MAJOR POLES IN INSTRUCTIONAL SYSTEM DESIGN AND EVALUATION.	LIBRARY MEDIA UNIVERSITY OF COLORADO. COLOPADO 0 0 0 0 0 1 119 BRIFF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: CERTIFICATION PROGRAM FOR LIRRARY MEDIA SPECIALIST IN SCHOOF FROM ELEMENTARY THROUGH THE UNIVERSITY. WITH EMPHASIS ON SCHOO! RESOUPCE CENTERS. SPECIAL FROM ELEMENTARY THROUGH THE UNIVERSITY. WITH EMPHASIS ON SCHOO! RESOUPCE CENTERS. SPECIAL RESEARCH.LABORATORY. OR FIELD REQUIRFMENTS: INTERNSHIP AND PRACTICIM. PRIMARY CARFERS: TEACHERS OR ADMINISTRATORS IN LIBRARY/MEDIA PROGRAMS IN INSTITUTIONS OF HIGHER LEARNING. IN BUSINESS OR INDUSTRY: OR RESEARCHERS.
HEG1S CODE	0.899			

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TOTAL

HEGIS CATEGORY: 0800 EDUCATION

CEILING LEVEL REACHFD MANDATORY CFILING ON ENROLLMENT GRADUATE ENPOLLMENT 1977-78 HEGIS NAME OF PROGRAM/ CODE INSTITUTION

CATFGORY TOTAL

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COUNT

139

HEGIS CATEGORY: 0900 ENGINEERING

CEILING LEVEL PEACHED	A A	d Z	W X	Z Z	۵ > 2	C Z
MANDATORY CFILING ON ENROLLMENT	CZ	N NO	O _N	ON	O Z	YES
	31	70 22 83 27 79 26 325 16 341 AICAL, ELECTRICAL, MECHANICAL, AERONAUTICAL ENGINEERING AND APPLIFD WIDE LATITUDE IN SELECTING COURSES AND RESEARCH OR DESIGN A WIDE RANGE OF CAREERS INCLUDING TFACHING, RESEARCH, AND REMENTS ARE VARIED; APPROPRIATE EDUCATIONAL EXPERIENCE, FORETGN	65 RESEARCH IN S DEGRFE IN	654	96	80 S 56 1 S8 5 S AN INTERDEPARTMENTAL PROGRAM ADMINISTFRED BY AN FXECUTIVE TY. THE COURSE WORK OFFERED IN THIS PROGRAM IS LISTED SEPARATELY NG ENGINFERING DEPARTMENTS (CHEMICAL, CIVIL, ELECTRICAL, AND OF THE GRADUATE FACULTY OF THE FOUR ENGINEERING DEPARTMENTS.
GRADUATE ENPOLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	1	16 ENGINEEPING ARCH OR DES RFSEARCH•	13 STUDY AND RI S: MASTER*S NEEPING.		-ITATION.	10 BY AN FXECUTIVE IS LISTED SEPAR ELFCTRICAL, AND
GRADUATE E FULL-TIME	٥٤	ELECTRICAL. MECHANICAL. AERONAUTICA! ENGINEERING AN ATITUDE IN SELECTING COURSES AND RESEARCH OR DESIGN RANGE OF CAREERS INCLUDING TFACHING. RESEARCH. AND SARE VARIED: APPROPRIATE EDUCATIONAL EXPERIENCE. F	ENGINEERING WITH OPPORTUNITIES FOR STUDY AN ENGINEERING. ADMISSION REQUIREMENTS: MASTE UDE TEST AND ANVANCED TEST IN FNGINEERING.		NG SPFCTAL	80 S S6 1 S8 S AN INTERDEPARTMENTAL PROGRAM ADMINISTFRED . THE COURSE WORK OFFERED IN THIS PROGRAM ENGINEERING DEPARTMENTS (CHFMICAL CIVIL)
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1977-78 MAST DOCT	2	79 ING CAL TNG COPRIA	13 MISSI	165	O IM ENG	S8 PROGR ERED Y OF
D ***** -77 1 DOCT MA	ø	MECHA SELECH REERS	4 G WITH NG AF	79	4 TROLFI LLY.	ENTAL PR OFF PARTME
J976-77 MAST DOCT	11	83 PICAL• DE IN OF CA	22 INEERING 1	181	O EMSTPE USUA	56 EPARTM SSE WO ING DE
DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	4	22 ELECTE ATITUR PANGE	16 2 NITAL ENGINITATE ENGIN	40	PROBLE * M.S.	S NTERDE TOUR TNEER!
DEGREES C 1975-76 MAST DOCT	=	70 ICAL, MIDE L WIDE EMFNTS	16 MENTAL HANTCA	222	0 ERING VANCED	80 S AN I TY. TH NG ENG
ARNED	9	34 CHEM FED A VEGUTRE	6 VV IRONI 10 MEC	57	NIA 2 ENGINE	2 ZING TEACUL SIPATII
**** EARNED 1974-75 T MAST DOCT	IFOPN]	72 CIVIL ERMITI PARED E0.: R	16 AND EN VIL AN	ORNIA 181	ALIFOR 0 N OF E	TECHN TAH B6 GINEER FRING PARTIC
1973-74 MAST DOCT	ENGINEERING SCIENCE CAL INST OF TECHNOLOGY. CALIFORNIA 5 4 3	ENGINEERING SA 28 72 34 70 22 83 27 79 2 BRIEF PROGRAM DESCRIPTION RAFAS OF AGRICULTURAL. CIVIL, CHEMICAL, ELECTRICAL, MECHANICAL, A SCIENCE. STUDENTS ARE PERMITTED A WIDE LATITUDE IN SELECTING COUR SURJECTS. GRADS ARE PREPARED FOR A WIDE RANGE OF CAREFRS INCLUDI ANALYTICAL DESIGN. PREREO:: REQUIREMENTS ARE VARIED: APPROPRIATE APPLICANTS MUST SUBMIT GRE SCORES.	ENGINEERING 14 5 16 6 16 2 22 4 13 5 52 13 65 RRIFF PROGRAW DESCRIPTION ELECTRICAL ENGINEERING AND ENVIRONMENTAL ENGINEERING WITH OPPORTUNITIES FOR STUDY AND RESEARCH THE RELATED AREAS OF CIVIL AND MECHANICAL ENGINEERING. ADMISSION REQUIREMENTS: MASTER'S DEGREE ENGINEERING OR AN ALLIED FIELD: GRE APTITUDE TEST AND ARVANCED TEST IN FNGINEERING.	ENGINEERING U OF CAL LOS ANGFLES. CALIFORNIA 181 72 181	ENGINEERING OF SOUTHERN CALIFORNIA, CALIFORNIA OF SOUTHERN CALIFORNIA, CALIFORNIA OF SOUTHERN CALIFORNIA, CALIFORNIA OF SOUTHON FORMULATION AND SOLUTION OF ENGINEERING PROBLEMS:PETROLFUM ENGINEERING SPFCTALIFATION PREFEGUISITES: GRE APTITUDE AND ADVANCED: M.S. USUALLY.	ENGINEERING SCIENCES AND TECHNOLOGY 69 5 86 2 80 5 56 1 58 5 BRIEF PROGRAM DESCRIPTION THE PH.D. PROGRAM IN FINGINEERING IS AN INTERDEPARTMENTAL PROGRAM ADMINISTFRED BY AN FXECUTIVE COMMITTEE OF THE ENGINEERING FACULTY. THE COURSE WORK OFFERED IN THIS PROGRAM IS LISTED SEPARAL UNDER FACH OF THE FOUR PARTICIPATING ENGINEERING DEPARTMENTS (CHEMICAL, CIVIL, ELECTRICAL, AND UNDER FACH OF THE FOUR PARTICIPATING ENGINEERING DEPARTMENTS.
NAME OF PROGRAM/ INSTITUTION	ENGINEEPING SCIENCE INST OF TECHNOLOGY	ENGINEERING SA 28 BRIEF PROGRAM DESCRIPTIO AREAS OF AGRICULTURAL SCIENCE. STUDENTS ARE PR ANALYTICAL DESIGN. PRE APPLICANTS MUST SUBMIT	ENGINEERING F CAL TRVINE- RIFF PROGRAM ELECTRICAL E THE RELATED	ENGINEERING F CAL LOS ANG	ENGINEERING IF SOUTHERN CA RIEF PROGRAM FORMULATION PREREQUISITE	JGTNEEPING STAM YOUNG U TEF PROGRAM THE PH.D. PR COMMITTEE OF UNDER EACH OF
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HEG1S CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	**** EARNED 1974-75		DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	Z C	77	*	1977-78 MAST DOCT		TE END	GRADUATE ENPOLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	1977-78 TOTAL	MANDATORY CFILING ON ENPOLLMENT	CETLING LEVEL PEACHED
0901	ENGINEERING WASHINGTON ST UNIVERSITY. WASHINGTON	VERSITY.	WASHING	STON	^	en	c	4	8	67		~	74	C	N N
	BRIEF PROGRAW DESCRIPTION COURSE CONTENT MAY BE SELECTED FROM ANY OF THE FNGINEERING SCIENCES, MATHFMĀTICS, PHYSICS, CHFMISTRY & OTHER APPROPRIATE FIELDS, RESEARCH PROJECTS MAY BE UNDERTAKEN IN COMBUSTION, HYDRAULICS, HYDROLOGY, FLUID MECHANICS OF SOLIDS, HEAT TRANSFP, THFRMO DYNAWICS, WATFRIALS SCIENCE, MFTALLURGY, ELFCTRICAL SCIENCE & ANY OF THE MULTITUDE OF SPFCIALIZED FIELDS WITHIN THE FNGINEFRING SCIENCES OR IN INTERDISCIPLINARY AREAS INVOLVING ENGINFERING SCIENCE.	ESCRIPTIO T MAY BE PRIATE FI UID MECHA IENCE & A	SELECTE ELDS. F NTCS OF NY OF T	ESEARCI SOLIDI HE MUL	ANY OF H PROJE S. HEAT TTTUDE	THE E	FRE T	RING SI UNDERT HERMO EN FI	CIENCE AKEN I DYNAMI ELDS W	S+ MATHFI N COMBUS CC+ MATFI ITHIN TH	MATICS TION. PIALS E FNGT	PHYSIC HYDRAULI SCIENCE.	S. CHEMI CS. METALLU SCTENCES		: :
	ENGINEERING U OF NH MAIN CAMPUS. NEW MEXICO S7 12 65 17 69 9 57 12 57 7 BRIEF PROGRAM DESCRIPTION CHEMICAL ENGINEERING, COMPUTERSCIENCE (ENGR.), ELECTRICAL ENGINFERING, NUCLFAR CHEMICAL ENGINEERING, CIVIL ENGINEERING, CIVIL ENGINEERING, RECHANICAL ENGINEERING, RECHANICAL ENGINEERING, RECHANICAL ENGINEERING, RECHANICAL ENGINEERING, RECHANICAL ENGINEERING, RECHANICAL ENGINEERING, RESEARCH DISSERTATION REQUIRED IN SOME PROGRAMS, ONE YEAR ON-CAMPUS PESIDENCE REQUIRED IN SOME PROGRAMS, ADMISSION REQUIRED IN SOME PROGRAMS, CARFERS: ACADEMIC AND/OPINDUSTRIAL RESEARCH AND DEVELOPMENT.	US. NEW ME 57 12 57 12 ESCRIPTION NEERING. MECHANICAL MS. ONE YE ERING OR S	EXICO F 65 OLVIL E CLVIL E F ENGIN F ER ON-	NGINEE REPING CAMPUS 1 PH.D	69 RING. C RESEA PFSIDE OUALI	9 OMPUTE RCH DI NCF RE	S7 1 ERSCIEN ESERTA EQUÍPED	12 57 NCF (ENG) ATTON REI D IN SOM REQUIRED	SR.). EQUIPE WE PPO	ELECTRIC. D. TFACH GRAMS. AL	AL ENG ING EX DWINGI AMS. C	INFERING PEDIFNCE ON RFOUT ARFERS:	324 NUCLFA REGUIPE PFMENTS: ACADEMIC	ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο	Z
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2060	AEROSPACE ENGINEERING UNIVERSITY OF ARIZONA, ARIZONA B 3 6 0 3 1 0 RRIEF PROGRAM DESCRIPTION STUDENTS MAY SELECT ONE OF THE FOLLOWING INTERDISCIPLINARY SYSTEMS ENGINEERING, MATERIALS FNGINEERING, OR RELIABILITY	ENGINEERING ARIZONA ARIZONA B 3 AM DESCRIPTION AAY SELECT ONE OF	70NA I 6 IN 6 IF OF TH	O F FOLL	3 DWING I	NTERDI	1 SCIPLI		2 0 PTIONS NGINFE	2 0 6 4 10 OPTIONS: RIOMEDICAL FNGINFERING. ENFRGY ENGINFERING. (SEF DESCRIPTION UNDER	ICAL F	4 NGINFERI CRIPTION	10 NG. ENER UNDER	NO A	Z

HEGTS CATEGORY: 0900 ENGINEERING

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MANDATORY CFILING ON ENROLLMENT	O _N	NO *FT*	ON °C°	O Z	° Z
**** EARNED DEGREFS CONFERRED ***** SIS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GPADUATE ENPOLLMENT 1977-78 DE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	CAL INST OF TECHNOLOGY, CALIFORNIA 13 3 13 5 8 4 18 6 12 3 40 0 40 BRIEF PROGRAM DESCRIPTION THE INSTITUTE OFFERS GRADUATE PROGRAMS IN AERONAUTICS LFADING TO THE DEGREES OF MASTER OF SCIENCE, AERONAUTICAL ENGINEER, OR DOCTOR OF PHILOSOPHY, THE PROGRAMS APF DESIGNED TO PROVIDE INTENSE TRAINING IN THE FOUNDATIONS OF THE AERONAUTICAL SCIENCES WITH EMPHASTS ON RESEARCH AND THE EXPERIMENTAL METHOD, MAJOR AREAS ARE: PHYSICS OF FLUIDS, TECHNICALFLUID MECHANICS, STPUCTURAL MECHANICS, MECHANICS OF FRACTURE, AFRONAUTICAL ENGINEEPING AND PROPILSTON, JERO ACOUSTICS.	AERONAUTICAL ENGINEERING STANFORD UNIVERSITY. CALIFORNIA 25 15 12 16 79 10 30 8 32 13 BRIEF PROGRAM DESCRIPTION STUDY OF STRUCTURAL. AERODYNAMIC, GUIDANCE AND CONTROL. AND PROPULSION PROBLEMS PELATED TO AIRCRAFT. MISSILES. AND SPACECRAFT.	AERONAUTICAL ENGINEERING U OF CAL SAN DIEGO. CALIFORNIA 0 0 0 4 1 5 0 1 0 10 BRIEF PROGRAW DESCRIPTION THE DEGPEE PREPARES STUDENTS FOR CAREERS IN TEACHING AND RESEARCH. WORK INCLUDES PROPULSION SYSTEM.THERMODYNAMICS. AND INTEPDISCIPLINARY RELATIONSHIPS WITH CHFMISTRY. WATHEMATICS. AND PHYSICS. THE GRADUATE RECORD EXAMINATION IS RECOMMENDED. A 3.0 UNDERGRADUATE GPA AND LETTERS OF RECOMMENDATION ARE REQUIRED.	DEROSPACE ENGR. U OF SOUTHERN CALIFORNIA S 2 8 3 10 8 11 2 7 3 BRIEF PROGRAM DESCRIPTION AFRODYNAMICS. FLIGHT VEHICLE STRUCTURE: TURBULENCF. CONTROL THEORY. DYNAMICS. PRERFQUISITES: GRE APTITUDE AND ADVANCED: M.S. USUALLY.	AERONAUTICS AND ASTRONAUTICS UNIVERSITY OF WASHINGTON. WASHINGTON 27 3 17 3 16 3 15 1 11 2 33 32 65 BRIEF PROGRAM DESCRIPTION THE PROGRAM, IN ADDITION TO REQUIRING COURSE WORK REYOND THE M.S. LEVEL, ALSO INCLUDES A MORE ACTUAL PAPTICIPATION BY THE STUDENT IN SEMINARS AND LECTURES OF THE DEPARTMENT. THE RESEARCH AND INDEPENDENT STUDY NECESSARY IN THE PREPARATION OF A DISSEPTATION REQUIRES THAT THIS PROGRAM TAWE MINIMUM OF THREE ACADEMIC YEARS OF GRADUATE STUDY BEYOND THE BACHELORS DEGREE.
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TOTAL TO	CEILING LEVEL PEACHED	A / A			N/N	A >
NAME OF TOTA BROOM ON IN A BRO	MANDATORY CFILING ON ENROLLMENT					C Z
FEGIS NAME OF INSTITUTED OF THE PRIEST OF TH	***** EARNED DEGREES CONFERRED ***** 74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLIMENT 1977-79 OCT MAST DOCT MAST DOCT MAST DOCT. FUIL-TIME PART-TIME TOTAL	4 29 2 9 ECIALTIES: PHYSICS OF SPACE SYSTEMS ANALYS:	AFROSPACE ENGINFER! SCHOLAR AND/OR TEACHER IN SUBSPECIAL ITIFS ABOVE. 29 89 21 65 23 89 42		ADO STATE UNIVERSITY. COLORADO ADO STATE UNIVERSITY. COLORADO REF PROGRAM DESCRIPTION REAS OF SPECIALIZATION: SOIL & WATER ENGINEFRING: POWER & MACHINERY: ENVIRONMENTAL ENGINEERING* REAS OF SPECIALIZATION: SOIL & WATER ENGINEFRING: POYER & WATER LAW. GRADUATES FIND EMPLOYMENT IN SPEARCH. TFACHING: INDISTRY: GOVERNMENTAL AGENCIFE & POTVATE PRACTICE.	5 0 1 0 4 1 9' 5 NO THE SPECIALIZATION IN IMPIGATION AND DRAINAGE, HYDROLOGY AND WATED WITH SPECIALIZATION IN IMPIGATION AND FOUTHOUSE WATER AND ENVIRONMENTAL SYSTEMS AND TION IS OFFERED IN THE SOIL AND WATER AND POWER AND MACHINERY AREAS NG.
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KINETICS, THERMODYNAMICS & THE TRANSPORT MECHANISMS. IT IS AT THIS LEVEL OF INDUIRY THAT RASIC UNDERSTANDING OF CHEMICAL ENGINEERING IS ACHIEVED & THAT RESEARCH IN THE DEPARTMENT IS CONDUCTED. MOST STUDENTS APPLYING WILL HAVE A RACHELOR OF SCIFNCE DEGREE IN CHEMICAL FNGINEERING ALTHOUGH AN UNDERGRADUATE DEGREE IN CHEMISTRY, PHYSICS, MATHEMATICS, OR ANOTHER RRANCH OF ENGINEERING ARE ACCEPTABLE.

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	PETROLEUM ENGINEERING COLORADO SCHOOL OF MINES, COLORADO 4 0 3 1 6 4 5 1 23 5 28 RRIFF PROGRAM DESCRIPTION STUDY & RESEARCH IN ORILLING TECHNIQUES, SUBSURFACE EVALUATION, OIL & GAS PRODUCTION, ROCK PROPERTIES, INDERGROUND FLUID BEHAVIOR, MANAGEMENT OF OPFRATIONS, MSC IN PETROLFUM ENGINFERING, APTITUDE.	INEERING OF MINES, CC A DESCRIPTION ARCH IN DRIL	LORADO	0 HNIQUE HAVIOR	S. SUB	6 SURFACE SEMENT	4 EVALI	S JATION•	OIL S. MS	6 GAS PRO	23 GAS PRODUCTION, ROCK IN PETROLFUM ENGINEE		YES	C Z
	FUELS ENGINEERING 0 4 2 4 0 1 1 2 2 2 0 7 8 8 1 1 2 2 2 RRIEF PROGRAM DESCRIPTION FOSSIL FUELS CONVERSION PROCESSES, CATALYSIS, AND SOLID, LIQUID AND GASEOUS MINING: FOSSIL FUELS, FUELS CONVERSION PROCESSES, CATALYSIS, AND SOLID, LIQUID AND	AH. UTAH O 4 DESCRIPTION FUELS CONV	2 FERSTON F	4 ROCESS ERSION	ES CA	1 FALYSTS	2 AND	2 SOLID.	LIQU D SOL	0 1 1 2 2 2 ESSES, CATALYSIS, AND SOLID, LIQUID AND GASEOUS JON PROCESSES, CATALYSIS, AND SOLID, LIQUID AND		28 FUELS.UTION GASEOUS FUELS.	O _N .	4 2
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NAME OF PROGRAM/ INSTITUTION	CIVIL ENGINEERING UNIVERSITY OF ARIZONA, ARIZONA 13 3 13 1 16 2 12 3 7 1 31 2 BRIEF PROGRAM DESCRIPTION WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL DEVELOPMENT IN SUCH ARFAS AS APP ENGINEERING MATERIALS, REGIONAL DEVELOPMENT AND URRAN PLANNING, HIGHWAY ENGINEERING FLUID DYNAMICS, SANITARY AND ENVIRONMENTAL ENGINEERING, SOIL MECHANICS AND SOILS EN SURVEYING AND MAPPING, WATER RESOURCES, STRUCTURAL ENGINEERING, AND TRANSPORTATION,	CIVIL ENGINEERING CAL INST OF TECHNOLOGY. CALIFORNIA 3 1 3	CIVIL ENGINEERING STANFORD UNIVERSITY, CALIFORNIA 136 10 144 3 165 RRIEF PROGRAM DESCRIPTION CONSTRUCTION ENGINEERING AND MANAGEMENT STRUCTURES, MATERIALS, AND GEOTECHNICAL	CIVIL ENGINEFRING U OF CAL REPKELEY. C.	CIVIL ENGINEERING U OF SOUTHERN CALIFORNIA. CALIFORNIA 23 R 50 3 23 1 45 BRIEF PROGRAM DESCRIPTION CONSTRUCTION: FARTHQUAKE ENGINEERING: ENVIRONMENTAL ENGINEFRING: OCEAN ENGINEERING: SOIL MECHANICS AND ITRANSPORTATION: WATER RESOURCES. PREREQUISITES: GRE	CIVIL FNGINFERING COLORADO STATE UNIVERSITY. COLORADO 40 15 29 18 BRIEF PROGRAM DESCRIPTION. PROGRAMS IN FLUID MECHANICS & WIND RESOURCES. ENGINEERING MECHANICS & PLANNING & MANAGEMENT.
HEGTS CODE	8060					

CEILING LEVEL REACHFD	Z A / Z	2	A Z	2	C Z
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MANÍ NAME OF PROGRAM/ 1973-74 1974-75 1975-77 1977-78 GRADUATE ENROLLMENT 1977-79 CFIL INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FNP	CIVIL ENGINEERING UNIVERSITY OF IDAHO 12. 1 14. 3 18. 0 - 9. 0 11. 0 9. 12. 21 RRIEF PROGRAM DESCRIPTION. GRADUATE STUDY IS OFFERED WITH SPECIALIZATION IN STRUCTUPES & STRUCTURAL MFCHANICS, HIGHWAY AND STRUCTURAL MATERIALS, SOIL MECHANICS. TRANSPORTATION, HYDRAULICS AND WATER RESOURCES, AND SANTTARY ENGINEERING.	CIVIL ENGINEERING MONTANA STATE UNIVERSITY, MONTANA 15 1 15 1 19 0 18 0 10 1 RRIEF PROGRAM DESCRIPTION MAJOR STUDY IS OFFERED IN VARIOUS COMBINATIONS OFTHE SURJECT ARFAS OF TRANSPORTATION ENGINEERING, SOIL MECHANICS AND FOUNDATION ENGINEERING, FLUID MECHANICS, HYDRAULIC AND HYDROLOGIC ENGINFERING. STRUCTURAL ENGINEFRING, FNGINEERING MECHANICS, ENVIRONMENTAL ENGINEFRING.	CIVIL FNGINEERING NM STATE U MAIN CAMPUS. NEW MEXICO 10 1 2 0 7 1 4 0 10 0 RRIFF PROGRAM DESCRIPTION SANITARY ENGINEERING, HYDRAULICS AND HYDROLOGY, STRUCTURAL MECHANICS. STRUCTURAL DESIGN. SPECIAL/RESEARCH/LAB/FIELD REQUIREMENTS-DOCTORAL DISSERTATION, TWO RESEARCH TOOLS. ADMISSIONS REQUIREMENTS-MINIMUM-BACHELORS DEGREF IN FNGINEERING OR ALLIED SCIENCES. GRAD. GPA-3.3. UGRAD. GPA-3.0. GRE APTITUDE. CAREERS-ENGINEERS, RESEARCHERS, HIGHER EDUCATION FACULTY.	CIVIL ENGINFERING 25 2 41 3 25 2 14 2 17 2 52 11 63 BRIEF PROGRAM DESCRIPTION MAJORS IN THE FIFLDS OF CONSTRUCTION ENGINEERING MANAGEMENT, HYDRAULIC ENGINEERING, FNVIRONMENTAL FNGINEERING, OCEAN ENGINEERING, SOIL MECHANICS AND FOUNDATION ENGINEERING, STRUCTURAL ENGINFFRING, ENGINEERING SUPVEYING, TPANSPORTATION ENGINEFRING AND WATER RESOURCES ENGINEERING, DEGREE PROGRAMS PREPARE THE STUDENT FOR ADVANCED LEVEL ENTRY INTO PROFFSSIONAL ENGINFFRING PRACTICE AND FOR CAREERS IN RESEARCH AND TEACHING,	CIVIL ENGINEERING BRIGHAM YOUNG U MAIN CAM. UTAH 1 1 1 0 18 2 6 0 2 1 BRIFF PROGRAM DESCRIPTION INTERDFPARTMENT AND STRUCTURAL MECHANICS. TRANSPORTATION FNGINFFRING. WATER RESOURCES. FNVIRONMENTAL FNGINFERING.
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1977-78 MAST DOCT	9 2 OF UTAH IS (MATERIAL SO	SY, HYDRAUL VELOPMENT E MASTERS DE	57 S		20 0 46, TRANSPO	IN THE SOC: 30 3 INEERING: GE M.S. DEGREE
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74 00	ENGINEERING TY OF UTAH. UTAH 14 3 23 2 1 PROGRAM DESCRIPTION PH.D. DEGREE IN CIVIL ENGINEERING L FNGINEERING AS WELL AS IN SEVERA	TRUCTURES. E ON. INTERDIS TRONMENTAL E RSITY. UTAH	DESCRIPTION ICS. SOIL ME EER PREPARAT GOVERNMENT L ENGINEERIN	FING SHINGTON, WA 76 11 DESCRIPTION K TS OFFEREN	ATER & WASTE GINEERING ME A URBAN ANAL SEARCH NORMA	PING OMING, WYOMI 14 1 DESCRIPTION UCTURAL ENGI ND HYDROLOGY	ACCEPTARLE LANGUAGE SUBSTITUTE, AS I IVIL & ENVIRONMENTAL ENGR. ERSITY OF COLORANO, COLORANO IS 3 16 5 IEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIE STRUCTURAL ENGINEERING, SPECIAL ADMI ARCHITECTURAL ENGINEERING, PRIMARY
HEGIS CATEGORY: 0900 FNGIMEERING HEGIS NAME OF PROGRAM/ 1973- CODF INSTITUTION MAST D	CIVIL ENGINEERING UNIVERSITY OF UTAM. UTAM 14 3 RRIFF PROGRAM DESCRIPTION THE PH.D. DEGREE IN CIV	MECHANICS, STRUCTURES, ENVIRONMENT TRANSPORTATION, INTERDISCIPLINARY PLANNING. CIVIL AND ENVIRONMENTAL ENGINEERING UTAH STATE UNIVERSITY, UTAH	BRIEF PROGRAM DESCRIPTION FLUID MFCHANICS. SOIL MECHANICS. WATFR RESOURCE QUALITY. CAREER PREPARATION FOR RESEARCH AND A CAREERS WITH GOVERNMENT AND PRIVATE INDUSTRY. ENVIRONMENTAL ENGINEERING, OR RS OR MS FROM A	CIVIL ENGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON 76 11 51 10 RRIFF PROGRAM DESCRIPTION GRADHATE WORK IS OFFERED IN THE FIFT	(INCLUDING WATER & WASTE-WATER TREATMENT & WATER & AIR RESOURCES MECHANICS.ENGINEERING.STRUCTURAL ENGINEERING.STRUCTURAL ENGINEERING.STRUCTURAL ENGINEERING.STRUCTURAL ENGINEERING.STRUCTURAL ENGINEERING.STRUCTURAL ENGINEERING.STRUCTURAL STUDIES & RESEARCH NORMALLY REQUIRING AN ADDITIONAL THREE OR FOUR DEGREE.	CIVIL ENGINEERING UNIVERSITY OF WYOMING, WYOMING 14 1 BRIEF PROGRAM DESCRIPTION APEAS IN STRUCTURAL ENGINER MECHANICS, AND HYDROLOGY.	ACCEPTABLE LANGUAGE SUBSTITUTE, AS IS A SPECIAL PROGRAM IN THE SOCIAL SCIENCES CIVIL & ENVIRONMENTAL ENGR. UNIVERSITY OF COLORANO, COLORANO 15 3 16 5 27 5 32 4 30 3 BRIEF PROGRAM DESCRIPTION CHRICOLAR EMPHASES OR SUBSPECIALTIES: ENVIRONMENTAL ENGINEERING; GEOTECHNICAL STRUCTURAL ENGINEERING, SPECIAL ADMISSIONS REQUIREMENTS: M.S. DEGREE IN CIVIL, ARCHITECTURAL ENGINEERING, PRIMARY CAREERS: UNIVERSITY FACULTY, CONSULTING FNG)
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NAME OF PROGRAM/ INSTITUTION	ELECTRICAL ENG & COMPUTER SCI- U OF CAL BFRKFLEY. CALIFORNIA 129 50 151 RRIEF PROGRAM DESCRIPTION INCLUDES COMPUTER SCIENCE.	ELECTRICAL ENGINEERING U OF CAL SANTA BARBARA, CALIFORNIA 27 7 52 3 60 RRIEF PROGRAM DESCRIPTION AREAS OF EMPHASIS: 1. FIELDS AND WAVES, 2.	ELECTRICAL ENGINEFRING UNIVERSITY OF SANTA CLARA, CALIFORNIA 51 1 41 1	PRESEARCH IN FLECTRICAL ENGINEERING AND PREPARATION OF A THESIS DESCRIBING IT, AND A PROGRAM OF ADVANCED STUDIES IN ENGINEERING, MATHEMATICS, AND RELATED PHYSICAL SCIENCES, GRADS QUALIFIED FOR CARERSIN TECHNICAL MANAGEMENT, CONSULTING, DESIGN, RESEARCH AND DEVELOPMENT, CONSTRUCTION AND PRODUCTION, AND TEACHING IN ENGINEERING SCHOOLS AND COLLEGES, PREREOS, INCLUDE: MASTER*S DEGREE, PRELIMINARY EXAMINATIONS, ADVANCED ENGINEERING TEST OF THE GRADUATE RECORD FXAMINATION SCORES,	ELECTRICAL ENGINEERING U OF SOUTHERN CALIFORNIA, CALIFORNIA FOR 19 102 20 98 24 .107 32 104 30 BRIEF PROGRAM DESCRIPTION COMPUTERS; COMMUNICATION THEORY; CONTROL SYSTEMS; ELECTROMAGNETIC ENGINEERING; POWER AND MACHINERY; SOLID STATE; BIOMEDICAL ENGINEFRING; QUANTUM ELECTRONICS. PPEREQUISITES; GRE APTITUDE ADVANCEDIM.S. USUALLY.	ELECTRICAL ENGINEERING COLOPADO STATE UNIVERSITY. COLOPADO 24 1 16 3 12 0 13 3 17 4 BRIEF PROGRAM DESCRIPTION SPECIALIZATIONS INCLUDE ACTIVE NETWORKS & GRAPH THEORY: COMPUTERMANAGED LFARNING: CONTROL & COMMUNICATION SYSTEMS: DIGITAL ELECTRONICS & COMPUTER SYSTEMS: DIGITAL SIGNAL PROCESSING: ELECTROMAGNETICS: ELECTROMECHANICS: ENERGY FNGINEFRING: LASERS & QUANTUM ELECTRONICS. PLASMA DYNAMICS & ENERGY SOURCES: & SOLID STATE ELECTRONICS AND MICROFLECTPONICS.	FLECTRICAL ENGINEERING U OF HAWAII AT MANOA. HAWAII 28 3 9 3 11 3 10 6 4 2 15 BRIEF PROGRAM DESCRIPTION ELECTRICAL ENGINEERING FUNDAMENTALS. RADIO-SCIENCE (UPPER ATMOSPHERE). COMMUNICATION THEORY. COMPUTER COMMUNICATION. SOLID STATE DEVICE FABRICATION. GRADUATES ARE PREPARED FOR CAREERS IN COMPUTER COMMUNICATION. SOLID STATE DEVICE FABRICATION. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND FOR POSITIONS IN RESEARCH AND DEVELOPMENT. PREFREOS: GRE (APTITUDE AND ADVANCED ENGINEERING OR EQUIVALENT.
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CEILING LEVEL REACHFD	N/A	W \	A /	X A	O _Z	A
MANDATORY CFILING ON ENPOLLMENT	C Z	° Z	ON COM	ON ON ON O	YES	NO NO
HEGIS CATEGORY: 0900 ENGINEERING ***** ***** ***** EARNED DFGREFS CONFERRED ***** HEGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE FNROLLMFNT 1977-78 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	UNIVERSITY OF IDAHO. IDAHO. 10 Z & 0 17 0 4 0 8 1 8 9 17 11 Z & 0 17 0 4 0 8 1 8 9 17 BRIEF PROGRAM DESCRIPTION IN THE DEPARTMENT OF ELFCTRICAL FNGINEERING, THE AREAS OF EMPHASIS ARE CONTROL AND COMMUNICATIONS SYSTEMS, NETWORK ANALYSIS AND SYNTHESIS, FLECTRONICS, COMPUTER SCIENCE AND POWER SYSTEMS, IRCUITRY COMPUTER SCIENCE, POWER SYSTEMS, ENFRGY, AND DESIGN PROJECTS.	ELFCTRICAL ENGINEFRING MONTANA STATE UNIVERSITY, MONTANA 8	ELECTRICAL ENGINEERING NM STATE U MAIN CAMPUS, NEW MEXICO 24 2 18 3 23 2 RPIEF PROGRAM DESCRIPTION NETWORK THEORY, COMPUTER SYSTEMS, COMMUNICATIONS THEORY, COMPUTER SYSTEMS, SOLID-STATE PHYSICS AND ITS APPLICATION, CIRCUIT THEORY, SYSTEMS THEORY, POWER SYSTEMS ANALYSIS AND MANAGEMENT, CAREERS—ENGINEERS, RESEARCHERS HIGHER FOUCATION FACULTY, POWER SYSTEMS MANAGERS.	ELECTRICAL AND COMPUTER FNGINEERING OREGON STATE UNIVERSITY, OPEGON 15 3 22 5 20 5 27 1 30 7 75 12 87 BRIEF PROGRAM DESCRIPTION MAJORS IN COMMUNICATION, CONTROL, COMPUTERS, DIGITAL SYSTEM, MICRO FLECTRONICS, INSTRUMENTATION, BIOMEDICAL ENGINEERING, SIMULATION, SOLID-STATE ELECTRONICS, ELECTROMAGNETIC WAVE PROPAGATION, A POWER, A MASTER OF SCIENCE DEGREE IN RIOMEDICAL ENGINEERING IS OFFERED IN COOPERATION WITH THE BIOLOGICAL AND LIFE SCIENCES.	ELECTRICAL ENGINEERING BRIGHAM YOUNG U MAIN CAM, UTAH 15 1 26 1 11 1 25 0 19 0 BRIEF PROGRAM DESCRIPTION INTERDEPARTMENTAL PROGRAM, FIELDS: COMMUNICATIONSFNGINEERING, COMPUTER FNGINEERING, POWER ENGINEERIG, SOLID-STATE ELECTRONICS.	ELECTRICAL FNGINEFPING UNIVERSITY OF UTAH. UTAH 8 7 14 6 12 5 22 1 17 4 BRIEF PROGRAM DESCRIPTION DEGREE PROGRAMS ARE POSSIBLE IN THE AREAS OF ACOUSTICS. FLECTRONICS. MEDICAL ELECTRONICS. MICROWAVE TUBES. SOLID-STATE ELECTRONICS. QUANTUM ELECTRONICS AND LASERS. PLASMAS. FLECTROMAGNETICS. POWER SYSTEMS. RELIABILITY. OPTIMIZATION. INSTRUMENTATION. COMMUNICATION. COMPUTER ORGANIZATION. LOGICAL DESIGN. SYSTEMS PROGRAMMING. INFORMATION STRUCTURES. PROGRAMMING LANGUAGES. ETC.
HEGTS CODE	060					

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WICHE DOCTORAL PROSRAM INVENTORY MAY 1979

HEGIS CATEGORY: 0900 ENGINEERING

CEILING LEVEL PEACHED	Z Z	4	∢ ≥	Z A
MANDATORY CFILING ON ENPOLLMENT	0 N O O O O	NS NCFD	9	°Z
1977-7P TOTAL	30 FER AND INDUSTRY	136 PECTS OF PLICATIO	IRE IN 2	218 RONICS, FIELDS
GPADUATE ENPOLLMENT 1977-78 FII.L-TIME PART-TIME TOTAL	LECTRICAL ENGINFERING STATE UNIVERSITY. UTAH 17 2 7 1 8 1 8 0 7 5 IFF PROGRAM DESCRIPTION ELECTROMAGNETICS. OPTICAL AND INFRARED ENGINEERING. ATMOSPHERIC AND SPACE SCIENCE, COMPUTER AND DIGITAL SYSTEMS. CAREER PREPARATION FOR RESEARCH, TEACHING OR DESIGN WITH UNIVERSITIES. INDUSTPY. GOVERNMENT. PREREOS: PREVIOUS DEGREE IN FNGINEERING OR A CLOSELY-RELATED SCIENCE.	LECTRICAL ENGINEERING EPSITY OF WASHINGTON, WASHINGTON 17 9 31 10 44 8 35 7 38 5 66 70 IF PROGRAM DESCRIPTION GRADUATE COURSES & VARIOUS RESEARCH PROGRAMS IN THE DEPARTMENT STRESS THE FUNDAMENTAL ASPECTS OF SYSTEMS THEORY, ELECTRONAGNETIC FIELDS AND DEVICES, SOLID STATE ELECTRONICS, COMPUTER APPLICATIONS AND DESIGN, AND OTHER DISCIPLINES, THE STUDENT MUST PASS A QUALIFYING EXAMINATION, PASS AN ADVANCED GENERAL EXAMINATION AND PURSUE AND REPORT THE RESULT OF A RESFARCH PROBLEM.	PROGRAMS ARE	LECTRICAL ENGINEERING 24 7 35 7 41 4 35 1 53 3 IEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: BIOMEDICAL ENGINEFRING, MATFRIALS & QUANTUM ELECTRONICS, INFORMATION SYSTEMS ENERGY CONVERSION & SYSTEMS, CONTROL THEORY, CIPCUITS & ELECTRONICS, FIELDS PROPOGATION & COMPUTERS, SPECIAL ADMISSIONS REQUIREMENTS; M.S. DEGREE IN ELECTRICAL ENGINEERING, PRINDUSTRIAL RESEARCH & DEVELOPMENT,
GPADUATE E FULL-TIME	SPACE SCI WITH UNI	66 IS THE FUR TRONICS, NG EXAMIN PROBLEM.	OCESSING.	RIALS & GCUITS & E
** 1977-78 MAST DOCT	7 5 ERIC AND OR DESIGN	7 38 5 66 PARTMENT STRESS THE FU PLID STATE ELECTRONICS. PASS A QUALIFYING EXAMI OF A RESFAPCH PROBLEM.	9 0 SIGNAL PR ILITIES.	53 3 ING. MATE FORY. CIR S. DEGRE
*** 77 0CT	0 ATMOSPH FEACHING	T DEPARTM SOLID S ST PASS A	7 n NN SYSTEMS AND DEPARTMENT FAC	ENGINEFRING, MATFRIALS & CONTROL THEORY, CIPCUITS & RFMENTS: M.S. DEGREF IN ELF Y LEVEL), INDUSTRIAL RESEARC
CONFERRED * 1976-77	LEERING EARCH	8 35 IS IN THE DEVICES, DENT MUSHER RESUL	TON SYST	4 35 EDICAL TEMS. CO
DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	8 RED ENGIP FOR RESE IN FNG	44 8 35 I PROGRAMS IN THE LDS AND DEVICES, THE STUDENT MUST REPORT THE RESULT	4 WWUNICAT FREST AND	41 SS: BIOME SYS SYS WISSIONS
**** EARNED 1974-75 T MAST DOCT	7 1 ND INFRAI PARATION	NGTON 1 10 RESEARCH FITC FIEL IPLINES.	3 1 PING. COI DENT INTI	O 7 IS 7 PECIALTII CONVERSION EDICALI
***** 74 19	VG JTAH ZTICAL A STICAL A SEER PRE	VG WASHI 9 3 710N VARIOUS CTROMAGN HER DISC	VG 1 1 TION DENGINEF DENGINEF D STU	VG 7 3 TION TION ENERGY TERS. SP
# 1973-74 MAST DOCT	NGINEERITY OF SCRIP O	NGINEERINGTON 17 DESCRIP OFFS & OPY FLE	NGINEERII YOMING, 3 DESCRIP TEMS, BI Y PLANNEI OLAREAS	NGINEEPI OLOPADO DESCRIP EMPHASES S COMPU S COMPU S COMPU
NAME OF PROGRAM/ INSTITUTION	ELECTRICAL ENGINFERING UTAH STATE UNIVERSITY. UTAH 17 2 7 1 8 1 8 0 7 5 BRIFF PROGRAM DESCRIPTION ELECTROMAGNETICS. OPTICAL AND INFRARED ENGINEERING. ATMOSPHERIC AND SPACE SCIENCE DIGITAL SYSTEMS. CAREER PREPARATION FOR RESEARCH. TEACHING OR DESIGN WITH UNIVERS GOVERNMENT. PREREGS: PREVIOUS DEGREE IN FNGINEERING OR A CLOSELY-RELATED SCIENCE.	ELECTRICAL ENGINEERING UNIVEPSITY OF WASHINGTON, WASHINGTON 17 9 31 10 44 8 35 BRIEF PROGRAM DESCRIPTION GRADUATE COURSES & VARIOUS RESEARCH PROGRAMS IN THE F SYSTEMS THEORY, ELECTROMAGNETIC FIELDS AND DEVICES, and DESIGN, AND OTHER DISCIPLINES, THE STUDENT MUST GENERAL EXAMINATION AND PURSUE AND REPORT THE RESULT	ELECTRICAL ENGINEERING UNIVERSITY OF WYOMING, WYOMING 3 1 4 1 7 n 9 0 BRIEF PROGRAM DESCRIPTION CONTROL SYSTEMS, BIOENGINEFRING, COMMUNICATION SYSTEMS AND SIGNAL PROCESSING, INDIVIDUALLY PLANNED TO STUDENT INTEREST AND DEPARTMENT FACILITIES, PREREGS: RESEARCH TOOLAREAS RELEVANT TO PROPOSED AREA OF RESEARCH.	ELECTRICAL ENGINEERING UNIVERSITY OF COLORADO, COLORADO 24 7 35 7 41 4 30 BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: BIOMEDICAL INFORMATION SYSTEMS ENERGY CONVERSION & SYSTEMS, (PROPOGATION & COMPUTERS, SPECIAL ADMISSIONS REQUIR PROMANY CAREERS: CAREERS IN EDUCATION (UNIVERSIT
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GOVERNMENT RESEARCH.

COUNT

CEILING LEVEL REACHFD	V		C C	N A	Z Z	Z Z
MANDATORY CFILING ON FNROLLMENT	O Z		YES	N CO	O Z	C Z
***** CAIFGURT: 0910 ENGINEERING **** EARNED DEGREES CONFERPED **** NAME OF PROGRAW/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	MECMANICAL ENGINEERING OREGON STATE UNIVERSITY. OREGON 13 6 12 4 11 2 15 3 11 3 35 6 41	ST IN TRADITIONAL MECHANICAL ENGINFEPING FIFLDS SUCH AS CS. STRESS ANALYSIS. HEAT TRANSFER. AND MATERIA'S SCIENCF. ADDIT NEEPING. SOLAR ENFRGY SYSTEMS, GEOTHERMAL FNERGY. WASTF HEAT SYSTEMS. WOOD COMBUSTION TECHNOLOGY. FLUIDIZED RED HEAT TRANSFE	MECHANICAL ENGINEFRING BRIGHAM YOUNG 11 MAIN CAM, UTAH 17 0 27 0 BRIFF PROGRAM DESCRIPTION INTERDEPARTMENTAL PROGRAM, FIELDS: APPLIED MECHANICS, MACHINE DESIGN, MANUFACTURING, NUCLEAR ENGINEFRING, THERMOSCIENCES,	MECHANTCAL ENGINEERING UNIVERSITY OF UTAH. UTAH. 9 2 7 2 10 2 15 1 7 0 RRIEF PROGRAM DESCRIPTION PH.D. DEGREE IN MECHANTCAL AND INDUSTRIAL FNGINEERING. INTERDISCIPLINARY PH.D. DEGREF IN MATERIALS SCIENCE AND FNGINEERING. AREAS OF SPECIALIZATION: MECHANICS. FLUID MECHANICS. HEAT TRANSFER. NUCLEAR ENGINEERING. SYSTEMS ENGINEERING. THERMODYNAMICS.	MECHANICAL ENGINEERING UTAH STATE UNIVERSITY, UTAH 29 0 15 0 5 1 4 2 11 2 28 0 15 0 5 1 4 2 11 2 29 0 15 0 5 1 4 2 11 2 RRIEF PROGRAM DESCRIPTION ENERGY SYSTEMS, FNERGY CONVERSION (INCLUDING SOLAP ENERGY) THERMODYNAMICS, HEAT AND MASS TRANSFER, APPLIED MECHANICS (INCLUDING BURIED STRUCTURES), AND SYSTEM DESIGN, ALSO AN OPTION IN MANUFACTURING ENGINEFRING, DESIGN, RESEARCH, FTC. PREFERENCE, RS DEGREE FROM ACCREDITED INSTITUTION, ACCEPTABLE GPA, GRE AND ADVANCED GPE IN ENGINEFRING	MECHANICAL ENGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON 16 7 25 5 22 1 17 5 23 5 52 77 BRIFF PROGRAM DESCRIPTION VARIOUS FIFLDS OF SPECIALIZATION PROVIDE OPPORTUNITIES FOR ADVANCED WORK FOR STUDENTS SPECIALIFING IN TOPICS OF THEIR OWN PARTICULAR INTEREST, THESE FIELDS INCLUDE HEAT TRANSFER, THERMODYNAMICS. FLUID MECHANICS, ACOUSTICS, MATERIALS, HUMAN FACTORS, MANUFACTUPING PROCESSES, CONTROLS, BIOENGINFFRING, AND OCEAN ENGINEERING.
HEGTS COOF	0160					

CEILING LEVEL REACHFD	N/A	N/A				N	· KES	
MANDATORY CFILING ON FNROLLMENT	ο Z	C Z				0	YES	1
	14 S INCLUDES MATH) SORS RESEARCH IN ARFAS FXTRACTION PROCESSES FOR	33 ERING. ESEARCH. OR	ii ii	600		2 2 1 4 0 12 14 26 H AND PROFESSIONAL DEVELOPMENT IN SFVERAL FIFLDS INCLUDING PESEABCH, AND THE DEVELOPMENT OF NEW FYTDACTIVE TECHNIANES	68	INCLUDE SOIL
GPADUATF ENPOLLMFNT 1977-79 FULL-TIME PART-TIME TOTAL	14 (THIS INCLUDES MATH) SPONSORS RESEARCH IN ARFAS 5 OF FXTRACTION PROCESSES F	MAL ENGINE EACHING, R LUID) OR T	o o	C		14 RAL FIFLDS	28	CH TOPICS IN A RELA
GRADUATE E FULL-TIME	CTHI SPON 6 OF	0 11 0 MATERIALS ENGINEERING. THERMAL ENGINEERING. PREPARED UPON GRADUATION: TEACHING. RESEARC CHANICAL SCIENCE (SOLID & FLUID) OR THERMAL	CO			12 NT IN SEVE T OF NEW F	19.	ROTH APPLIED GEOLOGY & ENGINEERING, RESFARCH TOPICS INCLUDE. REMOTE SENSING & GEOTHERMAL SYSTEMS, MSC IN A RELATED.
1977-78 MAST DOCT	0 AL DESI YNAMICS L MODEL	0 ENGINEE PON GRA CIENCE	ž			O VEL OP WE		GINEERI RMAL SY
*	1 ECHANIC THERMOD	0 11 EPTALS PARED U				1 4 ONAL DE	is is	GY & EN
700	CS AND MODS AND M	CS. MAT ARF PRE OF MECHA	500			PROFESSI	ENGINEERING).	ED GEOLO Ensing &
DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	11 0 0 1 2 0 ID MECHANICS AND MECHANICAL DESIGN (THISNERGY METHODS AND THERMODYNAMICS. SPONTO LARORATORY AND NUMERICAL MODELING OF	T 2 TES: MECHANICS. TICH STUDENTS ARE DISCIPLINES OF SCIENCE.	75			5 2 SFARCH AND	AL ENGINE	OTH APPLI REMOTE S
0	2 SS. SOLIF LOW. ENE	ZIALTIES: OR WHICH ROAD DISC	5			O RD RESFA	FOLOGICAL	CITING.
19 MAS	MING 3 MECHANIC ISCOUS F ENGINEE	LOPADO 6 SUBSPEC REERS FC N THE BR	7.50			ZONA Z L TFD TOWA	NG AND GOLORADO	G FMPHAS
1973-74 MAST DOCT	MECHANICAL ENGINEERING IVERSITY OF WYOMING, WYOMING 5 1 3 2 11 0 0 1 2 0 BRIEF PROGRAM DESCRIPTION THERMODYNAMICS, FLUID MECHANICS, SOLID MECHANICS AND MECHANICAL DESIGN CONTINUUM MECHANICS, VISCOUS FLOW, ENERGY METHODS AND THERMODYNAMICS. FROM INCLEMENT WEATHER ENGINEERING TO LARORATORY AND NUMERICAL MODELIN	MECHANICAL ENGINEERING UNIVERSITY OF COLORADO, COLORADO COLORADO, COLORADO COLORADO, COLORADO COLORIGUDAR EMPHASES OR SUBSPECIALTIES: MECHANICS, MATERIALS ENGINEERING, THERMAL ENGINEERING, GEOPHYSICS, PRIMARY CAREERS FOR WHICH STUDENTS ARE PREPARED UPON GRADUATION; TEACHING, RESEARCH, ADVANCED DEVELOPMENT IN THE BROAD DISCIPLINES OF MECHANICAL SCIENCE (SOLID & FLUID) OR THERMAL SCIENCE.SOLID & FLUID) OR THERMAL	75 556		10	GEOLOGICAL ENGINEERING IVERSITY OF ARIZONA, APIZONA 4 3 2 0 5 2 2 1 4 0 12 14 26 BRIEF PROGRAM DESCRIPTION ADVANCED WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL DEVELOPMENT IN SEVERAL FIFLDS INCLUDING MINF PLANNING, GEOMECHANICS, OPFRATIONS PERFARCH, AND THE DEVELOPMENT OF NEW EXTRACTIVE TECHNIQUES	GEOLOGICAL ENGINEERING COLORADO SCHOOL OF MINES, COLORADO 1 1 0 0 RRIFF PROGRAM DESCRIPTION	A PROGRAM WITH A STRONG FMPHASIS ON BOTH APPLIED GEOLOGY & ENGINEERING, RESFARCH TOPICS INC & Rock Mechanics, power plant citing, remote sensing & geothermal systems, msc in a related Field.gre including advanced geology.
NAME OF PROGRAM/	MECHANICAL ELINIVERSITY OF WARTER PROGRAM THERMODYNAM CONTINUUM AFROM INCLEMENTSIL FUE	MECHANICAL EVERSITY OF CURIEF PROGRAM CURRICULAR GEOPHYSICS, ADVANCED DE SCIENCE.SOL	At	5		GEOLOGICAL ENGINEERING UNIVERSITY OF ARIZONA, AP ARIEF PROGRAM DESCRIPTION ADVANCED WORK IS DIRECTED ANTHER PLANNING, GEOMFCE	GEOLOGICAL E	& PROGRAM & ROCK MECH
,	IND RB	UNIV	TOTAL	COUNT		RA	COLC	
HEGTS CODE	0160		0160		•	1160		

HEGIS CATEGORY: 0900 FNGINEFRING

CETLING LEVEL PEACHFD	NA		2	N/A	N N		0	Z
MANDATORY CFILING ON FNROLLMENT	C		NO ERGY	9	Ö	* * *	YES	o Z
1977-7A TOTAL	57 FACHTNG.	MENT.	SFER: FN	30	221	MECHANICS S SYSTEMS OMBUSTION	247	٤
ROLLMENT PART-TIME	22 RFD FOR T	C GOVERN	26 ANICS: HEAT TPAN GINEERING TURF. AND	ľ		ICS FLUIN C CONTROL CTORS. AN	0	
GOADUATE ENROLLMENT 1977-79 FILL-TIME PART-TIME TOTAL	S 0 11 1 35 52 57 FOR TEACHING.	TAPUSTRY	33 LUID MECH MICS AND BILITY EN	25		DEFORMABLE SOLIDS RIOMECHANICS FLUID MECHANICS STURING TECHNOLOGY, AUTOMATIC CONTROLS I DESIGNAESTHETICS, HUMAN FACTORS, AND SYSTEMS FNEDGY SYSTEMS, POLLUTION CONTROL, COMBUSTION	247	. e
	1 GRADS	PRIVATE	WORK IN MANY FIELDS INCLUDING FLUID STRUCTURAL DYNAMICS: THFRMODYNAMICS:NVJRONMENTAL FNGINEFRING; RFLIARILITAL. AND OPTIMAL CONTPOL: MATERIALS. S	-	71	SOLIDS HNOLOGY: THETICS: TEMS: PO	c	-
***** 1977-78 IT MAST DOCT	11 FEPING	HIONS.	DS INC CS: TH	16	104	PMABLE NG TFCI IGNAES	0	10
7,00	. A	INSTTJT	VY FIFL DYNAMI NI FNGT	n v	v.	ACTURY TACTURY TON DES	23	-
ć	2 ANICAL	IONAL OR RFL	3 14 IN MAN ICTURAL ONMENTA	ĸ	10 8A	NICS OF IMPROPERTY INTERNATION	16 28	. 6
DEGPEFS CO 1975-76 MAST DOCT	B 2 A OF MFCHANICAL	FERTNG	17 FD WORK IND STRE IF FNVJR	<u>m</u>	76 1	MECHANCLUDIN	8 8	6
0	1 APF	TONS TA	ADVANC TTONS A	€	14	YNAMICS ESIGN-I IN METHO ICLUDING	7.0	c
197 MAS	APIZONA 1 N RFSEARC	MAJOP I	16 NTS FOR L VIRBA AND PRO	LTFORNI 14	OPNIA 73	UDING D NICS: D L DESTG ENCE-IN	NTA 72	PNIA
1973-74 MAST DOCT	FCHANICAL FNGINEFRING ONA STATE UNIVERSITY, APIZONA IF PROGRAW DESCRIPTION SPECIALIZATION IN THE RESEARCH APE	RESARCH & MANAGER-LEVEL POSTTIONS IN FOUCATIONAL INSTITITIONS, PRIVATE INDUSTRY & GOVERNMENT, PREPENS:UNDERGRADUATE MAJOR IN ENGINEERING OR RELATED FIFILD, ACCEPTARIE GRE SCORES, ECMANICAL ENGINEERING ESTANDAMENT, ECMANICAL ENGINEERING ESTATONA.	15 1 16 2 17 3 14 2 12 1 33 26 59 IFF PROGRAM DESCRIPTION PROGRAM PPEPARES STUDENTS FOR ADVANCED WORK IN MANY FIELDS INCLUDING FLUID MECHANICS: AERODYNAMICSIMFCHANICAL VIRRATIONS AND STRUCTURAL DYNAMICS: THERMODYNAMICS AND HEAT TRANSFER: FNERGY CONVERSIONICOMBUSTION AND PROPULSION: FNVIRONMENTAL FNGINEFRING: BIOENSINFFRING: INSTRUMENTATION: CONTROL. AND OPTIMAL CONTROL: MATERIALS: STRUCTURE: AND DESIGN.	NGINEFRING CHNOLOGY. CAL	NGINEERING SSITY+ CALIFO OFSCOIDTION	APPLIFD WECHANICS-INCLUING DYNAMICS. MECHANICS OF DEFORMABLE SOLIDS RIOMECHANICS FLUID MECHANIC ADPLIFD WECHANICS-INCLUID MECHANICS AND MECHANICS. DESIGN-INCLUDING MANUFACTURING TECHNOLOGY. AUTOMATIC CONTROLS ANALYTICALAND NUMERICAL DESIGN METHODS. OPTIMIZATION DESIGNAESTHETICS. HUMAN FACTORS. AND SYSTEMS DESIGN. AND THERMOSCIENCE-INCLUDING THEPMODYNAMICS FNEDRY SYSTEMS. POLLUTION CONTROL. COMBUSTION FLUID MECHANICS. AND HEAT TRANSFER.	NGINEFRING EV. CALTEORN 72 29	MCINEERING EGO. CALIFO
NAME OF PROGRAM/	MECHANICAL FNGINEFRING ARIZONA STATE INIVERSITY. ARIZONA I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RESABCH & MANAGER-LEVI PREPEGS:UNDERGRADUATE MECHANICAL ENGINFEPING UNIVERSITY OF ARIZONA, AP	15 19 BRIFF PROGRAM DESCRIPTION PROGRAM PPEPARES STUDENT AFRODYNAMICSIMFCHANICAL CONVERSIONICOMBUSTION AN BIOENGINFFRING! INSTRUME	MECHANICAL FNGINEFRING CAL INST OF TECHNOLOGY, CALIFORNIA 10 1 14	MECHANICAL FNGINFERING STANFORD UNIVERSITY. CALIFORNIA 60 14 7	ADDLIFD WEG AND EXPERIM ANALYTICALA OFSIGN AND FLUID MECHA	MECHANICAL FNGINEFRING 1) OF CAL REPKFLEY, CALIFORNIA 72 29	MECHANICAL FNGINFERING U OF CAL SAN DIEGO. CALIFORNIA 0 0
HF61S COOF	U100							

CETLING LEVEL REACHED	N/A		Z Z	4	Z A	Z	Z Z
MANDATORY CFILING ON ENROLLMENT	CN	N. O	9 2	OZ.	ov .s.	9	NO NO
***** EARNED DEGREFS CONFFRRED ***** NAME OF PROGRAW/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATF ENROLLMFNT 1977-78 INSTITUTION WAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	U OF CAL SANTA BARBARA, CALIFORNIA REFE PROGRAM DESCRIPTION	FULLY ACCREDITED BY THE ENGINEERS. COUNCIL FOR PROFESSIONAL DEVELOPMENT STUDENTS MUST DEMONSTRATE COMPETENCY IN A MAJOR FIELD AND IN TWO MINOR FIELDS. ONF OF WHICH MAY BE OUTSIDE THE DEPARTMENT. COURSES OFFERED IN THE AREAS OF: THERMAL SCIENCE. SOLID MECHANICS. FLUID MECHANICS. MATERIALS SCIENCE. DESIGN. ENGINEERING SYSTEMS. BIOMEDICAL ENGINFRING.	MECHANICAL ENGINEERING U OF SOUTHERN CALIFORNIA, CALIFORNIA 27 3 21 1 22 1 22 1 RRIEF PROGRAM DESCRIPTION METALLURGICAL DESIGN, HFAT TRANSFER, MECHANICAL PROPERTIES, PRERFOUISITES: GRE APTITUDE AND ADVANCED: M.S. USUALLY.	MECHANICAL FNGINEERING COLORADO STATE UNIVERSITY, COLORADO 13 3 9 5 10 3 13 5 22 6 BRIEF PROGRAM DESCRIPTION RESEARCH & COURSE CONCENTRATIONS IN SIX AREAS: BIOENGINFERING: ENERGY CONVERSION; ENVIRONMENTAL ENGINEERING: & MECHĀNICS & DFSIGN.	MECHANICAL FNGINEFRING UNIVERSITY OF IDAHO. B 0 4 0 11 0 7 0 4 1 9 4 13 BRIFF PROGRAM DESCRIPTION STUDY IS DESIGNED TO EXTEND THE STUDENT'S UNDERSTANDING OF THE FUNDAMENTAL FNGINFERING SCIENCES. THEIR APPLICATION TO ENGINEERING SYSTEMS DESIGN AND ANALYSIS. RESEARCH PROGRAMS IN THE DEPARTMENT INCLUDE THERMODYNAMIC PROPERTIES, FMISSION STUDIES FROMINTERNAL COMBUSTION AND GAS TURBINE ENGINES. ENGINEERING WATERIALS, THERMODYNAMIC SYSTEMS ANALYSIS. FRACTURE MECHANICS. VIRRATIONS, SOLAR ENERGY. GEOTHERMAL ENERGY, AND SELECTED TOPICS FOR MECHANICALDESIGN.	MECHANICAL FNGINEFRING MONTANA STATE UNIVERSITY, MONTANA 4 1 6 0 4 1 7 0 2 0 RRIEF PROGRAM DESCRIPTION THE LARORATORIES OF THE DEPARTMENT ARE WFLL EQUIPPED TO CARRY ON RESEARCH IN TURBULENCE, HIGH TEMPERATURE HEAT EXCHANGERS, HEAT TRANSFER, MATERIAL SCIFNCE, MACHINE DESIGN, BIO-MECHANICS AND INTERNAL-COMBUSTION ENGINES.	MECHANICAL ENGINEERING NM STATE U MATN CAMPUS. NEW MEXICO 2 1 4 3 3 0 4 0 3 0 BRIFF PROGRAM DESCRIPTION THERMAL SCIENCES (THERMODYNAMICS AND HEAT TRANSFER), APPLIED MECHANICS (SOLID AND FLUID MECHANICS), ENGINEERING ANALYSIS (APPLIED MATHEMATICS), ANMISSION REOUIPEMFNIS-MINIMUM-UNDERGRADUATF DEGREE EQUIVALENT TO BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING AT NMSU, GRAD, GPA-3.3, UGRAD, GPA-3.0, GRE APTITUDE, CAREERS-ENGINEERS, RESEARCHERS, HIGHER FDUCATION FÄCULTY.
HEGIS CODE	0610						

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	**** EARNED 1974-75 T MAST DOCT	0	DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	CONFE ST MA	FERRED # 1976-77 MAST DOCT	*	** 1977-78 MAST DOCT		GPADUATE ENROLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	ROLLMENT 1	977-78 TOTAL	MANDATORY CFILING ON ENROLLMENT	CEILING LEVEL REACHFD
1160	GEOLOGICAL ENGINEE UNIVERSITY OF UTAH. U 0 BRIEF PROGRAM DESCR SEF 1914 GEOLOGY.	GEOLOGICAL ENGINEERING IVERSITY OF UTAH, UTAH 0 1 BRIEF PROGRAM DESCRIPTION SEF 1914 GEOLOGY.	-	-	-	o	c	0	-	0			~	C Z	A / A
1160	TOTAL	rv v	m	-	16	w	4	œ	11	0	٤.	36	111		
	COUNT	e.													
5160	GEOPHYSICAL E COLORADO SCHOOL BRIEF PROGRAM EXPLORATION OFMINERALS.	ENGINEERING OF MINES, COLORADO OF MINES, COLORADO OF CACACATATION OF CRAVITY, MAGNETIC OF COPHYSICS APPLYING SEISMIC, GRAVITY, MAGNETIC OF COPHYSICS & ENVIRONMENTAL HAZARDS. MSC	LORADO 4 APLYING	SETS!	7 MIC+ GE	2 PAVITY AL HAZ	6 • MAGNI		4 ELEC	0 TRICAL	4 0 65 & ELECTRICAL METHODS PLUS GRE APTITUDE.	17 A2 TO THE DISCOVERY	82 COVERY	YES	YES
5160	TOTAL	4 N	4	4	~	~	¢	C i	4	c	ار ار	7.1	C.		
0913	INDUSTRIAL AN ARIZONA STATE UN BRIEF PROGRAM SPECIALITAT PREPARED FOI INDUSTRY &GG	INDUSTRIAL AND MANAGEMENT SYSTEMS ENGINEEPTING IZONA STATE UNIVERSITY. ARIZONA 39 6 22 5 23 3 SPECIALIZATION IN THE RESEARCH AREA OF INDUS PREPARED FOR TEACHING. RESEARCH & MANAGER-LE INDUSTRY & GOVERNMENT. PREREDS: UNDERGRADUATE SCORES.RES.	SYSTEMS 22 22 SEARCH A RESEARCH A	S ENG 5 S ENG S MA INDER	TNEEPTI 23 OF INDU	JSTRIA	17 POSIT JOR IN	S VAGFME IONS I	21 NT SY N EDU	4 STEMS CATIO	NGTNEEPTNG 23 3 17 5 21 4 44 38 24 OF INDUSTRIAL MANAGEMENT SYSTEMS ENGINFERING, GRADS ARE MANAGER-LEVEL POSITIONS IN EDUCATIONAL INSTITUTIONS, PRIVATE PERGRADUATE MAJOR IN ENGINEERING OR RELATED FIELD, ACCEPTABLE	38 NG. GRADS JTIONS. PR		NO	a Z

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WICHE DOCTORAL PROSRAM INVENTORY MAY 1979

	MANDATORY CETLING CFILING ON LEVEL ENROLLMENT REACHEI	Q Z	YES NO	NO A/N	NO N/A		YES NO
			16	09		350	
	VROLLMENT 1977-76 PART-TIME TOTAL	AN-MACHI	6		RING, OP	4	METALLUE
	-	CLUDING P	Ü	TEMS ENG!	6 ANNING ANING ANIT ANIT ANIT ANIT ANIT ANIT ANIT ANIT	4	20 60 8 PHYSICAL METALLURGY.
		ENTERPRISES-INCLUDING MAN-MACHINE MANAGEMENT SYSTEMS.	91	RING: SYS	12 ICS, HUMA ROJECT PL	147	40 ALLIRGY &
	1977-78 MAST DOCT	80 2 SED ENTER	0	11 0 13 1 20 0 N FNGINEERING: PRODUCTION ENGINEERING: SYSTEM TES: GRF APTITUDE AND ADVANCED: M.S. USUALIY.	4 0 NG ECONOM	125 6	_ 10 4 ACTIVE MET
	JERRED ***** 1976-77 1 MAST DOCT MA	IG MANAGEMENT 92 14 60 10 80 MANAGE TECHNICALLY BASED FNGINFERING ECONOMY. AND	€	13 1 PRODUCTIC	6 2 ENGINEFRI DUCTION C	134 .24	6 0 °
	5-76 00CT	AANAGEMENT 14 VAGE TECHN	œ	I 0 INEERING!	6 1 6 2 ONOMICS. HUMAN ENGINEFR ON SYSTEMS. PRODUCTION AFETY. AND WORK DESIGN.	\$	1 2
	0	5 0 LZ	6 36	ING 11A 0 11 IUMAN FNGI	ING 1 ECONOMIC ATION SYS	171 16	4 11
	*****	JG AND ENGI LEORNIA 25 78 TON SSES REQUIR	RNIA 7 34	ENGINEERING CALIFORNIA O 16 ON ANNING; HUM ANNING; HUM	ENGINFER ORFGON 2 10 000 GINEERING NG INFORM	50 160	ING COLORADO ON ON ARCH IN V
NEFRING	1973-74 MAST DOC	GINEERING 1TY - CALL 91 2 DESCRIPTI D PROCESS NSPORTATI	GINEERING Y. CALIFORI 26 17	AND SYSTEMS ENGINEERING CALIFORNIA, CALIFORNIA A	O GENERAL VERSITY. 3 DESCRIPTI FD ARE EN NUFACTURI LATIONS.	163 5	ENGINEER OF MINES, DESCRIPTI
0900 ENGT	ROGRAW/ TION	INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT STANFORD UNIVERSITY. CALLFORNIA 91 25 78 16 92 14 BRIEF PROGRAM DESCRIPTION KNOWLENGE AND PROCESSES REQUIRED TO MANAGE TECHN SYSTEMS. TRANSPORTATION MANAGEMENT. FNGINFERING	INDUSTRIAL ENGINEERING U OF CAL BFRKELEY. CALIFORNIA 26 17	INDUSTRIAL AND SYSTEMS ENGINEERING OF SOUTHERN CALIFORNIA, CALIFORNIA 4 0 16 0 13 1 20 0 RRIEF PROGRAM DESCRIPTION TECHNICAL ECONOMIC PLANNING; HUMAN ENGINEERING; PRODUCTION ENGINEERING; SYSTEMS ENGINEERING; COMPUTER APPLICATIONS, PREREQUISITES; GRF APTITUDE AND ADVANCED; M.S., USUALLY,	INDUSTRIAL AND GENEPAL ENGINFERING OREGON STATE UNIVERSITY, ORFGON 3 2 10 1 6 1 6 2 4 0 12 6 18 BRIEF PROGRAM DESCRIPTION FIELDS OFFERFD ARE ENGINEERING ECONOMICS, HUMAN ENGINEERING, OPERATIONS FIELDS OFFERFD ARE ENGINEERING SYSTEMS, PRODUCTION CONTROL, PROJECT PLANNING AND MANAGEMENT, SYSTEMS SIMULATIONS, INDUSTRIAL SAFETY, AND WORK DESIGN.		METALLURGICAL ENGINEERING COLORADO SCHOOL OF MINES, COLORADO 8 4 13 4 11 2 6 0 10 4 40 BRIEF PROGRAM DESCRIPTION INCLUDES STUDY & RESEARCH IN MINERAL BENEFICIATION, EXTRACTIVE METALLURGY
HEGIS CATEGORY: 0900 ENGINEFPING	NAME OF PROGRAM/ INSTITUTION	INDU STANFOR BRIEF KNOI	TNOU U OF CAI	INDUS U OF SOU PRIEF	INDU OREGON BRIEF FIE RFS	TOTAL	META COLORAD BRIEF INCI
HEGIS C	HEGTS CODE	0913				100	0914

REACHED LEVEL N/A N/N 2 CETLING ON FNROLL MENT MANDATORY YES 9 9 MINE PLANNING. GEOMECHANICS. OPERATIONS RESEARCH. AND THE DEVELOPMENT OF NEW EXTRACTIVE TECHNIQUES. ADVANCED WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL DEVELOPMENT IN SEVERAL FIELDS INCLUDING THE PROGRAM IS ORIENTED TOWARD DEVELOPING IN THE STUDENT A SOUND SCIENTIFIC BASIS FOR UNDERSTANDINGTHE PROPERTIES. PROCESSING. AND USE OF CEPAMIC MATEPIAL. SOME OF THE CURRENT AREAS OF RESEARCH INTEREST ARE IN ULTRAVIOLET PHOTOLYSIS, SURFACE DIFFUSION, INTERFACIAL ENERGY, INTERNAL STRESSES, FERROELECTRICS, CHEMICAL BONDING IN REFPACTORY MATERIALS, INITIAL STAGES OF SINTERING, STUDY & RESEARCH IN MINF PLANNING & DEVELOPMENT, SAFETY & VENTILATION, APPLIFD ROCK MECHANICS & MINING METHODS, UTILIZES EXPERIMENTAL MINE PLUS RESEARCH AT OPERATING SITES, MSC & GPE APTITUDE. GRADUATE ENROLLMENT 1977-78 543 FULL-TIME PART-TIME TOTAL 2 21 C ß. S 9 128 16 16 2 0 MAST DOCT C 0 1 1977-7R 3 2 0 28 DEGREES CONFERRED **** PARTICLE COMPACTION. AND CARBON AND GRAPHITE MATERIALS. MAST DOCT 1976-77 0 34 ~ N 49 1975-76 MAST NOCT 30 3 (1) 51 **** EARNED MAST DOCT c C 34 1974-75 CERAMIC FNGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON COLORADO SCHOOL OF MINES, COLORADO o. 36 UNIVERSITY OF ARIZONA, ARIZONA BRIEF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION MAST DOCT 0 1973-74 0 54 HEGIS CATEGORY: 0900 ENGINEERING (*) Œ MINING FNGINEFRING MINING FNGINEERING 37 NAME OF PROGRAM/ INSTITUTION COUNT COUNT TOTAL TOTAL HEGIS CODE 0915 9160 0916 0918

HEGIS CODE	***** EARN NAME OF PROGRAM/ 1973-74 1974-75 INSTITUTION MAST DOCT MAST DOC MINING FNGINFFRING AND MFTALLURGY	**** EARNE 1973-74 1974-75 MAST DOCT MAST DOCT RING AND METALLURGY	***** EARNED 1974-75 T MAST DOCT MFTALLURGY	ED	DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST DI	S CONFI	10	*	** 1977-78 MAST DOCT		ADUATE	GRADUATF ENROLLMFNT 1977-78 FIILL-TIME PART-TIME TOTAL	1 1977-78 ME TOTAL		MANDATORY CFILING ON FNROLLMENT
	UNIVERSITY OF IDAMO, IDAMO UNIVERSITY OF IDAMO, IDAMO BRIFF PROGRAM DESCRIPTION GENERAL REQUIREMENTS APPLY, EXTRA MINERAL ENGINEERING OR METALLURGI	TO BAND CEIPTION WENTS AN	N 1 1 PPLY. F MFTALL	XTRA S.	TUDY IN	I MINIT	NG.MFT	ALLURG IPED.X	2 AND TRA ST	1 GFOLO TUDY I	O I O O 2 I 2 STUDY IN MINING. MFTALLURGY AND GFOLOGY MAY RE AL ENGINEERING REQUIPED. XTRA STUDY IN MINING.	NOTINETATING AND METALLURGICAL FOR IN 0 2 1 2 0 0 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2	ED. R.S. JRGY AND		N N N N N N N N N N N N N N N N N N N
	MINING FNGINEERING UNIVERSITY OF UTAH, UTAH 2 0 0 2 0 RRIFF PROGRAM DESCRIPTION OPFRATIONS RESEARCH, ROCK MECHANIC SOLUTION MINING.	UTAH UTAH CPIPTION ARCH, RC	OCK MED	0 HANICS.	0 SLOPE		t (LITY.	MTNE	4 VENTIL	0 ATTON	AND	0 1 0 4 0 STABILITY. MINE VENTILATION AND AIR CONDITIONING.	WING. A	7	4 NO AND
	MINERAL ENGINEFRING UNIVERSITY OF WYOMING. WYOMING 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NG. WYON OCRIPTION PTICIPAL ODUCTS.	MING 0 N TION IN AND TO	ASPECT	0 TS OF N	O MINERAL AXIMUM	0 L PRODU UTILIZ AFTER (OUCTION ZATION	O AND C TATION	2 DEVELO PROCES	P ARUNE SING OF	O 0 0 0 3 3 3 CTS OF MINERAL PRODUCTION AND DEVELOP ARUNDANT SUPPLIES OF LOW UPAGE MAXIMUM UTILIZATION AND PROCESSING OF COMESTIC MINFRALS. RF PEOUJRED AFTER CONSULTATION WITH GPADUATE COMMITTEE.	3 IES OF LO MINFRALS		2
0918	TOTAL	6	11	~	4	c c	ហ	c	17	4	30	€0	4 7		
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0160	APPLIED PHYSICS CAL INST OF TFCHNOLOGY, CALIFORNIA 10 0 5	.06Y• CAL	LIFORNI	A	^	۲	. 01	Œ	11	10	೯	~	٦. 4		O _N

HEGIS CATEGORY: 0900 ENGINEERING

REACHED CF IL ING N/A LEVEL NIA N/A N/A 9 CFILING ON ENPOLLMENT MANDATORY YES S 2 ç 2 SUPERCONDUCTORS AND PHYSICS OF METALS AND ALLOY IS INCLUDED. APPLICANTS WITH UNDERGRADUATE MAJORS IN APPLIED MATHEMATICS, PHYSICS, AND COMPUTER SCIENCE, ELECTRICAL ENGINEERING, ENGINEERING PHYSICS, ENGINEERING SCIENCE, MATH, OR PHYSICS WILL BE CONSIDERED. INCLUDES MATERIAL ANALYSIS, X-RAY TECHNIQUES, OPTICAL AND ELECTRON MICROSCOPY, AND METALLOGRAPHY AND PREPARES THE STUDENT FOR ADVANCED STUDY AND RESEARCH IN VARIOUS APPLICATIONS OF NUCLEAR ENERGY INCLUDING THE ANALYSIS AND DESIGN OF FISSION AND FUSION REACTORS, THE DYNAMICS OF NUCLEAR SYSTEMS. GRADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL BRIEF PROGRAM DESCRIPTION EMPHASIS IS PLACED UPON EXPERIMENTAL REACTOR ENGINEERING. NUCLEAR POWER GENFRATION. NUCLEAR FUFL 73 19 18 9 39 82 THE INTERACTION OF RADIATION WITH MATTER. AND THE MANY SPECIALIZED USES OF ESOTOPES. 69 16 16 50 82 1975-76 1976-77 1977-78 MAST DOCT MAST DOCT MAST DOCT 14 ~ 0 0 C MANAGEMENT. NUCLEAR RFACTOR ANALYSIS, AND NEUTRON RADIOGRAPHY. 2 13 ហ C ***** EARNED DEGREES CONFERRED: **** 4 12 S 9 16 20 8 0 ~ 1975-76 10 1 S ហ 12 13 MAST DOCT MAST DOCT 0 ~ œ 1974-75 c u) ~ 23 OREGON STATE UNIVERSITY. ORFGON U OF CAL SAN DIEGO. CALIFORNIA UNIVERSITY OF ARIZONA. ARIZONA U OF CAL BERKELEY, CALIFORNIA BRIFF PROGRAM DESCRIPTION SFE 0910 MECHANICAL ENG. BRIEF PROGRAM DESCRIPTION BRIEF PROGRAM DESCRIPTION C 1973-74 UNIVERSITY OF UTAH, UTAH NUCLEAR ENGINEERING NUCLEAR ENGINEERING ENGINFFRING PHYSICS NUCLEAP FNGINFERING NUCLEAR ENGINFERING 10 N NAME OF PROGRAM/ INSTITUTION COUNT TOTAL HEG1S CODE 0260 6160 9190

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0260	UNIVERSITY OF WASHINGTON WASHINGTON	12 2	14 0	34	15	64	Ç.	N/A
	BRIEF PROGRAM DESCRIPTION THE PROGRAM INCLUDES COURSES IN REACTOR THEORY, REACTOR FNGINEERING, NUCLEAR MATERIALS, & REACTOR THE PROGRAM INCLUDES COURSES IN MATHEMATICS, PHYSICS & FNGINFRING SCIENCES. A UNIQUE LAB DESIGN AS WELL AS SUPPORTING COURSES IN MATHEMATICS, PHYSICS & FNGINFRING THE USE OF A 100 KW NUCLEAR REACTOR, PULSED NEUTRON GENERATORS, A HELICAL NEUTRON MONOCHROMETER, AN ELECTROMAGENTIC DRIVEN PILEOSCILLATOR, PILE NOISE ANALYSIS EQUIPMENT & LIQUIDMETAL & ROILING WATER HEAT TRANSFER LOOPS.	EACTOR FNC ICS.PHYSTO APCH TECHN LICAL NEUT	SINEERING SS & FNGI JIOUFS I FRON MON	S. NUCLEAR INFRING S NVOLVING JOCHROMETE & ROILIN	FRY.REACTOR FNGINEERING, NUCLEAR MATERIALS. & REACTOR FEMATICS, PHYSICS & ENGINFRING SCIENCES. A UNIQUE LAB RESEARCH TECHNIQUES, INVOLVING THE USE OF A 100 KW A HELICAL NEUTRON MONOCHROMETER. AN ELECTROMAGENTICALLY COUIPMENT & LIQUIDMETAL & ROILING WATER HEAT TPANSFER	L REACTOR UNIDUE LAB A 100 KW ROWAGENTICA	LLY	
0260	0 TOTAL							
	43 16 47 14 32 16 47	47 11	23 2	152	36	194		
	COUNT							
0921	I ENGINEERING MECHANICS UNIVERSITY OF ARIZONA. ARIZONA 0 1 1 1	1 0	0			~	CZ	N N
	RESEARCH AND PROFESSIONAL REGIONAL DEVELOPMENT AND UF AND ENVIRONMENTAL ENGINES MATER RESOURCES.		MENT IN INING. HI JIL MECHA	SUCH AREA GHWAY ENG NICS AND	DEVELOPMENT IN SUCH AREAS AS APPLIED MECHANICS. PBAN PLANNING, HIGHWAY ENGINEERING HYDRAULICS AND ERING, SOIL ENGINEERING. ENGINEERING. AND TRANSPORTATION.	MECHANICS. AULICS AND RING.	:=	
	APPLIED MECHANICS CAL INST OF TFCHNOLOGY, CALIFOPNIA 2 3 4 2 5 1 3	4	r.	5	0	15	NO	N/N
	APPLIFD MECHANICS							
	STANFOND COLVERSITY CALIFORNIA 8 7 8 5 6 5 RRIEF PROGRAM DESCRIPTION	4	1 3				ON	N/A
	SUBJECT APEAS WITHIN ENGINEERING WHICH ARE, IN THFIR ESSENTIAL NATURE, BROADER THAN THE CONFINES A PARTICULAR RPANCH OF ENGINEERING.	HFIR ESSFA	ITIAL NAT	TURE. BROA	DER THAN THE		06	

HEGTS	HEGTS CATEGORY: 0900 ENGINEERING		
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1260	0 0	CN	N/A
	PROGRAM INCLUDES VARIOUS METHODS OF ANALYSIS WITH EMPHASIS ON APPLICATION, STRUCTURAL ANALYSIS, SOLID MECHANICS, LASERS AND RELATED AREAS OF SPECIALIZATION CHARACTERIZE THE DEGREE. THE GRADUATE RECORD EXAMINATION IS RECOMMENDED. SOUND MATHEMATICAL AND PHYSICAL SCIENCE RACKGROUNDS ARE REQUIRED AS WELL AS THREE LETTERS OF RECOMMENDATION.	۴n	
0921	TOTAL		
	20 22 22 15 11 7 6 8 6 5 16 1 33		
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	4		
0922	ENVIRONMENTAL ENGINEERING SCIENCE		
	CAL INSTITUTE CALIFORNIA 2 6 6 6 4 7 4 20 0 20 20 20 20 20 20 20 20 20 20 20 2	0	N/A
	• PROGRAM IS TO PREPARE STUDENTS FOR CARFERS OF SPECTALITED RESEARCH. LANNING. AND MANAGEMENT IN VARIOUS ASPECTS OF THE ENVIRONMENT INCLUDING. FRGY RELATIONSHIPS. THE ENVIRONMENTAL ENGINEFRING SCIENCE PROGRAM IS NOT RONMENTAL GENERALISTS.	FOR	
6260	TOTAL		
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	GRADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	c	c		6 2 B 15 ARCHITFCTURF, AND OCEAN ACOUSTICS. TIES, INDUSTRY AND GOVERNMENT. PRE		ñ			
	GRADUATE E	21	5		B USTRY AND OC		Œ			STRUCTURAL ANALYSIS: ARATION: METALLUPGY: TFS: GPE APTITUDE: R.
	-78 DOCT	0	c		2 ITFCT • IND		~			STRU PARAT ITES:
	1977-78 MAST DOCT	c	0		6 ARCH ITIES		•			NICS: S PRE
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	FERRED * 1976-77	12	51		2 10 TRUCTURES. SEARCH IN UN		10			ICAL PE MAT
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	DEGREFS CONFERRED 1975-76 1976- MAST DOCT MAST D	14	14		R INE ST IN REST CTAL E		ας			AND ST CAL BE CTRICS
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INEFRING	1973-74 10 MAST DOCT MAS	ARCHITECTURE BERKELEY. CALIFORNIA 7 2	~ .	-	CEAN ENGINEERING HAWAII AT MANDA, HAWAII T 2 10 1 6 2 B 15 23 IEF PROGRAM NESCRIPTION COASTAL AND HARBOR ENGINEERING, MARINE STRUCTURES, NAVAL ARCHITECTURE, AND OCEAN ACOUSTICS. GRADUATES ARE PREPARED FOR CAREERS IN RESEARCH IN UNIVERSITIES, INDUSTRY AND GOVERNMENT, PREREOS: GRET M.S. IN ENGINEERING OR BY SPECTAL EXAMINATION.		c .	gent	ENCE	SCUTHFAN CALIFORNIA, CALIFORNIA SCUTHFAN CALIFORNIA, CALIFORNIA 1
HEGIS CATEGORY: 0900 ENGINEFRING	NAME OF PROGRAM/ INSTITUTION	NAVAL ARCHITE	TOTAL	COUNT	OCEAN ENGINEERING U OF HAWAII AT MANOA, HAWAII T T T T T T T T T T T T T T T T T T T	TOTAL	COUNT		MATERIALS SCIENCE	U UF SUUTHERN CALIFORNIA, CALIFORNIA 9 8 7 4 3 5 2 8RIEF PROGRAM DESCRIPTION SOLID STATE THEORY: THERMODYNAMICS AND STATISTICAL MECHANICS: STRUCTURAL ANALYSIS: AND SOLID STATE REACTIONS: MECHANICAL BEHAVIOR: MATERIALS PREPARATION: METALLUPGY: SEMICONDUCTORS, MAGNETICS AND DIELFCTRICS: POLYMERS, PREPEQUISITES: GRE APTITUDE: R.
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ENGINEERING SCIENCE 6660

2 RESEARCH & MANAGER-LEVEL POSITIONS IN EDUCATIONAL INSTITUTIONS, PRIVATE INDUSTRY, AND GOVERNMENT. 22 SCIENCE. GRADS ARF PREPARED FOR TEACHING. PREREGERGRADUATE MAJOR IN ENGINEERING OR PELATED FIELD. IFLD. ACCEPTABLE GRE SCOPES. 15 SPECIALIZATION IN THE RESEARCH AREA OF ENGINEERING 0 ARIZONA STATE UNIVERSITY, ARIZONA BRIEF PROGRAM DESCRIPTION

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S DEFICIENCIES WITHOUT GRADUATE CREDIT. THE DEPARTMENT OF SYSTEMS AND INDUSTRIAL FNGINFERING OFFERS PROGRAMS LEADING TO THE MASTER OF SCIENCE DEGREE WITH MAJORS IN SYSTEMSENGINEERING OR INDUSTRIAL ENGINEERING AND LEADING TO THE DOCTOR OF PHILOSOPHY DEGREE WITH A MAJOR IN SYSTEMS FNGINEFRING. 39 STUDENT WITH AN UNDERGRADUATE MAJOR IN ENGINEERING. MATHEMATICS. OR PHYSICS MAY BE ADMITTED STUDENTS FROM OTHER DISCIPLINES MAY RE REQUIRED TO SATISFY 50 œ ٢ œ 0 DIRECTLYINTO THE PROGRAM. BUT 9 UNIVERSITY OF ARIZONA. ARIZONA BRIFF PROGRAM DESCRIPTION SYSTEMS FNGINFERING

2 ANALYSIS, PLANNING, OPERATION, AND CONTROL OF LARGE-SCALE TECHNOLOGICAL-FCONOMIC AND SOCIO-ECONOMIC SYSTEMS. 0 7 10 PREPARTING INDIVIDUALS FOR CAREERS DEALING WITH THE 50 œ 33 10 23 ENGINEERING ECONOMIC SYSTEMS STANFORD UNIVERSITY. CALIFORNIA BRIEF PROGRAM DESCRIPTION 0

NIA

N/N

2 PARTICULARLY APPLIED SOLID STATE, PHYSICS AND APPLIED OPTICS. ANY STRONG BACKGROUND IN MATHEMATICS OR SCIENCE IS REQUIRED. SATISFACTORY GRADUATE RECORD EXAMINATION SCORES AND THREE LETTERS OF 99 THE APPLIED PHYSICS PROGRAM INCLUDES RADIO ASTRONOMY AND SPACE PHYSICS. MATERIALS SCIENCE. 1 52 0 S œ Þ 0 0 c 0 RECOMMENDATION ARE REQUIRED. BRIEF PROGRAM DESCRIPTION

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OTHER FNGINEEPING

HEGIS CATEGORY: 1000 FINE AND APPLIED APTS

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**** EARNED DEGREES CONFERRED **** 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATF ENROLLMENT 1977-79 MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	NGELES, CALIFORNIA 5 5 0 7 3 15 20	TER PROGRAM DESCRIPTION THE PH.D. OFFERED IN ART HISTORY, REDUIRES FOUR TO FIVE YEARS FOR COMPLETION. ON-CAMPUS FACILITIES AVAILABLE TO ART DEPARTMENT STUDENTS PROVIDE UNEQUALED SOURCES OF STUDY AND VISUAL ARTS MATERIALS. THE M.A. IN ART HISTORY FROM UCLA OR ITS EQUIVALENT IS REQUIRED FOR ADMISSION TO THE PH.D. PROGRAM.	APT HISTORY OF SOUTHERN CALIFORNIA	0 2 0 2 0 17 ONTIGUOUS AREAS OF EMPHÁSIS FOR TEACHING OR CURATORSHIP. IN ART HISOTRY.	IN CAMPUS. ORFGON 3 1 2 0 9 0 14 6 20	BRIFF PROGRAM DESCRIPTION CLASSICAL, MEDIEVAL, RENAISSANCE, MODERN AND ORIENTAL APT, HISTORY OF ARCHITECTURE, PREPARATION FOR CAREERS IN ACADEMIC RESFARCH AND TEACHING, MUSEUMWORK, PREREQUISITES FOR PH.D. PROGRAM: EQUIVALENT OF UNIVERSITY OF OREGON M.A., ART HISTORY: WORKING KNOWLEDGE OF FRENCH AND GFRWAN: DEMONSTRAIJON OFRESFARCH ABILITIES.	ART HISTORY & APPRECIATION UNIVERSITY OF WASHINGTON	0 0 0 8 4 3 1 22 24 46	THE PROGRAM IS ADMINISTERED BY AN INTERDISCIPLINARY ART HISTORY GROUP OF THE GRADUATE SCHOOL. STUDENTS WISHING TO PREPARE THEMSELVES FOR PROFESSIONAL WORK IN TEACHING OR RESEARCH IN THE FIELD OF ART HISTORY WITH A VIEW TO WORKING IN UNIVERSITIES OF MUSEUMS ARF ENCOUPAGED TO PLAN PROGRAMS IN FIELDSWHERE WE HAVE SPECIAL STRENGTHS. INCLUDING ASIAN. CLASSICAL. PRIMITIVE AND TRIBAL.	1100 1 0 0 0 1 . 121	BRIFF PROGRAM DESCRIPTION PRE-COLUMBIAN APT AND ARCHITECTURE, SPANISH COLONIAL ART AND ARCHITECTURE, TRIBAL AND NATIVE PRE-COLUMBIAN APT AND ARCHITECTURE, SPACHITECTUREIN EUROPE AND THE WESTERN HEMISPHERE, AMERICAN APT, 19TH AND 20TH CENTURY ART AND ARCHITECTUREIN EUROPE AND THE WESTERN HENCEN OF PHOTOGRAPHY AND GRAPHIC ARTS, PREREQUISITES: M.A. IN ART HISTORY OR LIBERAL ARRIS. CAREFR PREPAPATION: MUSEUM AND CURATORAL POSITIONS, TEACHING AT THEUNIVERSITY LEVEL.
NAME OF PROGRAM/ INSTITUTION	U OF CAL LOS A	THE PH AVAILA THE M.	APT HISTORY	RRIEF PR GEOGRA PRFREG	ART HISTORY	BRIFF PR CLASSI CAREER OF UNI	ART HIS	BOTEF DD	THE PR STUDEN OF URFI IN FIE RENAIS	U OF NM MATH C	BRITT BRITT PR PREPICO
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**** EARNED DEGREES CONFERRED **** HEGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	COLINT	MUSIC PERFORMANCE UNIVERSITY OF ARIZONA, APIZONA 6 9 11 0 11 7 15 7 68 15 83 RRIEF PROGRAM DESCRIPTION PROGRAM IN MUSIC THEORY LEADS TO PH.D. DEGREF, PROGRAMS IN COMPOSITION, CONDUCTING, MUSIC EDUCATION AND PERFORMANCE LEAD TO THE DOCTOR OF MUSICAL ARTS DEGREF.	MUSIC PERFORMING STANFORD UNIVERSITY, CALIFORNIA 20 11 12 8 19 8 12 7 8 17 88 18 88	MUSIC PERFORMING U OF SOUTHERN CALIFORNIA, CALIFORNIA 35 0 24 7 35 14 38 12 45 12 BRIEF PROGRAM DESCRIPTION PROFESSIONAL DEGREE IN CHORAL MUSIC OR COMPOSITION OR PERFORMANCE (CONDUCTING OR ORGAN OR PIANO OR HARPSICHORD OR VOCAL APTS), PREREQUISITES: GRE APTITUDE, MUSIC GRADUATE ENTRANCE EXAMS! (CHORAL) 4 YEARS CONDUCTING EXPERIENCE; (PERFORMANCE) PERSONAL AUDITION: 8M AND MM.	MUSTC PERFORMING U OF NORTHERN COLORADO. COLORADO 10 4 8 9 10 2 13 2 11 0 RRIFF PROGRAM DESCRIPTION THE PROGRAM LEADING TO THE DOCTOR OF ARTS DEGREE IS DESIGNED TO PREPARE PROFESSIONAL. ACADEMICALLY WELL-QUALIFIED TEACHING SCHOLARS FOR THE JUNIOR ANDSENIOR COLLEGE LEVEL. THE DEGREE IS AVAILABLE IN THE AREAS OF MUSIC HISTORY AND LITERATURE. THEORY AND COMPOSITION. MUSIC PERFORMANCE. CONDUCTING. OF	MUSIC U OF OREGON MAIN CAMPUS. ORFGON 29 9 28 6 14 7 12 9 20 4 46 29 75 BRIEF PROGRAM DESCRIPTION	INCREASING ARILITY IN A SPECIFIC PERFORMANCE MEDIUM, WITH ITS APPLICATION TO AN EDUCATIONAL SETTING AND THE ORGANIZATION FOR TEACHING. CAREER PREPARATION FOR PROFESSIONAL PERFORMANCE CAREERS IN SYMPHONY ORCHESTRAS, OPERA COMPANIES, THE CONCERT STAGE, AND COLLEGE-LEVEL FEACHING. PREREQUISITES: MASTER'S DEGREE, APPROPRIATE EDUCATIONAL AND PERFORMANCE EXPERIENCE. ADVANCED STANDING IN A PEPFORMANCE AREA. ACCEPTABLE GRF SCOPES, 3.0 GRADUATE GPA.
HEGT CODE		1004					

HEGIS CATEGORY: 1000 FINE AND APPLIED APTS

HEGIS CODE	NAME OF PROGPAM/ 197 INSTITUTION MAST	1973-74 19 MAST DOCT MAS	EARNED 374-75 57 DOCT	DFGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	ONFERPED *- 1976-77 MAST DOCT	*** 77 0CT	1977-78 MAST DOCT		GRADUATE ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	1977-78 TOTAL	MANDATORY CFILING ON FNROLLMFNT	CETLING LEVEL REACHFD
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	MUSIC PERFORMING UNIVERSITY OF WASHINGTON. WASHINGTON 18 7 20 6 11 13 6 8 6 64 24 88 BRIFF PROGRAM DESCRIPTION GRADUATE PROGRAM TAKE INTO CONSIDERATION THE DUAL NATURE OF MUSIC'S SUBJECT MATTER. AT THE DOCTORAL LEVEL EMPHASIS IS IN MUSICOLOGY: HISTORICAL, THEORETICAL, SYSTEMATIC, AND ETHNOMUSICOLOGICAL, AFTER BEING ADMITTED TO THE GRADUATF SCHOOL AS A MUSIC MAJOR, THE STUDENT MUSIC FURTHER QUALIFY FOR A SPECIFIC AREA OF SPECIALIZATION, FNTRANCF TO A PERFORMANCE MAJOR IS RY FACULTY AUDITION.	TON. WASH TOTION TAKE INTERMEDIASIS I	INGTON 20 0 CONSIDE 5 IN MUSI BEING AD 1FIC AREA	6 11 COLOGY: H MITTED TO	13 E DUAL ISTORICA THE GRA	6 NATURE AL. THE ON. FNT	9 OF MUS ORETICAL SCHOOL / RANCE TO	64 1C+S SUB L+ SYSTE) AS A MUS 0 A PERF(6 11 13 6 B 6 64 24 88 ATION THE DUAL NATURE OF MUSIC'S SUBJECT MATTER, AT THE OLOGY: HISTORICAL, THEORETICAL, SYSTEMATIC, AND HITTED TO THE GRADUATE SCHOOL AS A MUSIC MAJOR, THE STUDENT MUST OF SPECIALIZATION, ENTRANCE TO A PERFORMANCE MAJOR IS RY FACULTY	88 THE STUDENT I	NO MUST ULTY	2
	MUSIC D.M.A. UNIVERSITY OF COLORADO, COLORADO 19 9 16 3 31 8 28 13 27 5 RRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: COMPOSITION, LITFRATURE & PERFORMANCE PERFORMANCE: PERFORMANCE, LITERATURE & PEDAGOGY OF PIANO, VOICE, STRINGS, WINGROUP/CLASS PIANO PEDAGOGY, SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S DEGREE EQUIVALENT, PRIMARY CARFERS: UNIVERSITY/COLLEGE TEACHING: PERFORMING, PRIVATE	100 COLORAL 100 SUB 100 SUB 100 SUB 100 SUB 100 SUB 100 SUB 100 SUB	IND 3 ISPECIALTI LITERATUR SPECIALS UNIVERS	31 8 ZR 13 ZT 5 FES: COMPOSITION. LITERATURE & PERFORMANCE RE & PEDAGOGY OF PIANO, VOICE, STRINGS, WIN ADMISSIONS REQUIREMENTS: MASTER'S DEGREE SITY/COLLEGE TEACHING: PERFORMING, PRIVATE	STTION. OGY OF R NS REQUI	13 LITFRA PIANO: IREMENT	ZT TURE & P VOICE . SE MASTE	SPERFORMAN STRINGS. ER.S. DEGI NG. PRIVI	OF IDS TEA	113 CHORAL MUSTC: ORGAN & PERCUSSION: AND MUSIC. OR	ON	A .
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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

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ME OF PROGRI	ERSIT PIEF PI GRADU. DOCTO! ETHNO! FURTHI	MUSICOLOGY VERSITY OF	CURRI CURRI SCHOL HISTO DEGREE	ي.	E	FORD LEF PLEE PLEE PLEE PLEE PLEE PLEE PLEE	PAMAT
NAME OF PROGRAM/ INSTITUTION	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIND		T07AL	COUNT	STAN	U OF
HEGTS . CODE	1006			1006		1007	

HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

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	PLAYWRITING, ACTING, AND DIRECTING, GRADS MAY ENTER CARFERS IN FOUCATION, THEATER, FILM, VIDEO PRERED,: THREE LETTERS OF RECOMMENDATION, RECENT WRITTEN WORK, AND GRE SCORES. THEATER ARTS U OF CAL LOS ANGELES, CALIFORNIA	• C	
	HE FIELD OF THEATER OR MOTION PICTURE/TELFVISION. STUDENTS WHO THER FIELDS MAY BE REQUIRED TO COMPLETE CERTAIN UNDERGRADUATE W.D. IN BOTH THEATER AND MOTION PICTURE/TFLEVISION INCLURES STUSM. ONE FOREIGN LANGUAGE IS REQUIRED AND OTHER LANGUAGES ARE EDEN FOR THE INDIVIDUAL'S STUDIES AND DISSERTATION SUBJECT.	336 NO SF ORK. THE DIES OF	ď Z
	DRAMATIC ARTS U OF CAL SANTA BARBARA, CALIFORNIA 12 3 8 0 0 22 BRIEF PROGRAM DESCRIPTION CANDIDATES MUST PASS ORAL AND WRITTEN EXAMINATIONS IN DRAMATIC LITERATURE, DRAMATIC THEORY AND CRITICISM, HISTORY AND THEORY OF ACTING AND DIRECTING, AND THEIR SPECIAL AREAS OF INTFREST; REQUIRES EXPERIENCE AS TEACHING ASSISTANT IN DRAMATIC ART.	22 NO AND EQUIRES	2
	NENVER. COLORADO 19 1 13 2 18 3 13 3 8 0 10 2 1 13 2 18 3 13 3 8 0 10 3 19 1 1 13 2 18 3 13 3 8 0 10 6 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	31 NO WORK IN	d Z
	THEATRE AT THE MASTER'S LEVEL OR EQUIVALENT WORK IN A CLOSELY RELATED FIELD. DRAMA & THEATRE U OF HAWAII AT MANDA, HAWAII 10 1 1 1 2 0 34 12 46 BRIEF PROGRAM DESCRIPTION THEATRE HISTORY, CRITICISM OR THFORY IN WESTERN THEATRE, ASIAN THEATRE, COMPARATIVE ASIAN-WESTFRN THEATRE, GRADUATES ARF PREPARED FOR CAREERS IN TEACHING, PREPEOS: GRE: STATEMENT OF DISSERTATION RESEARCH PROPOSAL! THREE LETTERS FROM PEOPLE ACQUAINTED WITH THEIR ACADEMIC WORK: SAMPLE OF RESEARCH.	46 NO STFRN TION	A A

HEGIS CATEGORY: 1000 FINE AND APPLIFD ARTS

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***** FARNED DEGREES CONFERRED ***** IS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATF ENROLLMENT 1977-78 E INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	BRIGHAM YOUNG U MAIN CAM, UTAH 30 0 4 0 7 0 10 1 7 0 8RIFF PROGRAM DESCRIPTION THE THEATRE AND CINEMATICS ARTS DEPARTMENT REQUIRFS 45 HOURS IN THEATRF AND CINEMATIC ARTS, 15 HOURS IN A MINOR, PLUS A DISSERTATION, THREE KINDS OF DISSERTATION RESEARCH WILL RE ACCEPTED: (1) SCHOLAPLY ANALYSIS OF THEATRF AND/OR MOTION PICTURF/TELEVISION HISTORY, THEORY, AND CRITICISM! (2) RESEARCH AND STRONG CREATIVE VEHICLE. APPROACH AND STRONG CREATIVE FEMENT TO PLAYWRITING OR SCRFFNWPITING AND STAGE OR CINEMATIC	Z	DPAMATIC ARTS UNIVERSITY OF WASHINGTON. WASHINGTON 13 0 6 3 20 3 5 1 14 1 66 6 77 BRIEF PROGRAM DESCRIPTION THEATER HISTORY, DRAMATIC LITERATURE OR CRITICISM, STUDY IS NOT LIMITED TO THE ENGLISH LANGUAGE THEATER RORANS THE CURRICULUM IS ESPECIALLY STRONG IN THEATRE HISTORY, STUDENTS APPLYING MUST SURMIT THE FOLLOWING: ANY WRITTEN WORK WHICH PEPRESENTS THEIR BEST WORK; THREE LETTERS OF PECOMMENDATION: SCORES ON THE GRE. STATEMENT OF BACKGROUND IN DRAMA, & RFASONS FOR SEEKING THE PH.D. IN DRAMA.	THEATRE UNIVERSITY OF COLORADO, COLORADO A 1 10 0 4 0 10 3 7 2 BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: THEATRE HISTORY: THEATRE-DRAMA THFORY AND/OR CRITICISM. PRIMARY CAREFRS: TEACHING.
HEG1S CODE	1007			

COUNT

TOTAL

HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

CATEGORY TOTAL CINEMATOGRAPHY O OF SOUTHERN CALIFORNIA, CALIFORNIA 35 1 31 0 35 1 31 0 CATEGORY TOTAL
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

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	0 12 1 17 0 20 31 S1 51 S1 APPANESE ANDERN JAPANESE, HISTORY OF THE JAPANESE SE LANGUAGE TEACHING IN UNIVERSITIES, PREPERS: GRETO A STRONG UNDERGRADUATE MAJOR IN THE LANGUAGE.	11 3 6 1 7 1 27 10 37 ITERATURES INCLUDING STUDY OF NATIONAL LITERATURES. PERIODS. PREPARED PRIMARILY FOR UNIVERSITY TEACHING. SCHOLARSHIP AND B.A.; FILES EVALUATED FOR ACADEMIC RECORD. RECOMMENDATIONS. O LITERARY STUDY. STUDENTS WITHOUT M.A. USUALLY PREPARE ONE RAM.) 3 0 R 0 6 AMERICAN LITERATURE, SPANISH LINGUISŤICS, PORTUGUESE DISSERTATION INVOLVING ORIGINAL AND SIGNIFICANT RESE RED FOR UNIVERSITY, COLLEGE, AND HIGH SCHOOL TEACHING	7 47		6 2 0 4 2 1 1 14 T T ANGUAGES. ADMISSION TO THE GRADUATE PROGRAM REQUIRES THE STRONG MAJOR IN THE PROPOSED FIELD OF STUDY. ADMISSION TO COMPLETION OF A MASTEROF APTS DEGREE WITH THE SAME MAJOR. TWO OTHER FOREIGN LANGUAGES.
***** 1977-78 ICT MAST DOCT	1 17 MODERN JAPA SE TFACHING	1 7 10 STUDY OF NOTES TOPENS WITH	R 0 NATURE, SPANI NVOLVING ORT	10 24		2 1 THF GRADUAT POSFD FIELD SF APTS DEGRE
DEGREES CONFERRED *- 1975-76 1976-77 MAST DOCT MAST DOCT	0 12 EDO JAPANESE ANESE LANGUAC	3 6 URES INCLUDIN RED PRIMARILY FILES EVALUA RARY STUDY.	3 0 MERICAN LITER ISSERTATION I	6 18		6 2 0 4 2 ANGUAGES. ADMISSION TO THE STRONG MAJOR IN THE PROPOSFD COMPLETION OF A MASTEROF APT TWO OTHER FOREIGN LANGUAGES.
	1 17 L JAPANESE • 8 ARED FOR JAPA	O 11 ANCE LITERATU DS APE PREPAI SITES: B.A.; MENT TO LITER PROGRAM.	7 0 E. SPANISH AL A DOCTORAL D' ARE PREPAREI	99		LANGUAGES. / A STRONG MAJO E COMPLETION
**** EARNED 1973-74 1974-75 MAST DOCT MAST DOCT	ASIAN LANGUAGES AND LITERATURE F HAWAII AT MANDA, HAWAII O 0 12 1 17 0 20 RIEF PROGRAM DESCRIPTION JAPANESE, MODERN JAPANESE, EDO JAPANESE, MODERN JAPANESE, HISTORY OF THF JAPANES LANGUAGE, GRADUATES ARE PREPARED FOR JAPANESE LANGUAGE TFACHING IN UNIVERSITIES, PREPAGES: GI (APTITUDE): A MINIMUM BACKGROUND EQUIVALENT TO A STRONG UNDERGRADUATE MAJOR IN THE LANGUAGE.	OMANCE LANGUAGES OREGON MAIN CAMPUS. ORFGON 10 2 7 0 IFF PROGRAM DESCRIPTION VAPIETY OF APPROACHES TO ROMANCE LITE GENRES. LITEPARY THEORY. GPADS APE PR LITEPARY CRITICISM. PREPEQUISITES: B. LANGUAGE PROFICIENCE. COMMITMENT TO L	OMANCE LANGUAGES NM MAIN CAMPUS. NEW MEXICO NM MAIN CAMPUS. NEW MEXICO TEF PROGRAM DESCRIPTION PENINSULAR SPANISH LITERATURE. SPANISH AMERICAN LITERATURE. SPANISH LINGUISTICS. PORTUGUESE LITERATURE. AND FRENCH LIT. A DOCTORAL DISSERTATION INVOLVING ORIGINAL AND SIGNIFICANT RESEARCH REOUIRED. CAREER: GRADUATES ARE PREPARED FOR UNIVERSITY. COLLEGE. AND HIGH SCHOOL TEACHING.	10 7 18	m	RENCH EPSITY OF ARIZONA, ARIZONA 2
NAME OF PROGRAM/ INSTITUTION	ASIAN LANGUAGES AND LITER U OF HAWAII AT MANOA, HAWAII 0 0 0 0 BRIEF PROGRAM DESCRIPTION JAPANFSECLASSICAL, MED LANGUAGE, GRADUATES ARE (APTITUDE); A MINIMUM BA	ROMANCE LANGUAGES U OF OREGON MAIN CAMPUS. ORFGON 10 2 RRIFF PROGRAM DESCRIPTION VARIETY OF APPROACHES TO ROI GENRES. LITERARY THEORY. GP. LITERARY CRITICISM. PREPEGU LANGUAGE PROFICIENCE. COMMIT	ROMANCE LANGUAGES U OF NM MAIN CAMPUS, NEW MEXICO 5 8 BRIEF PROGRAM DESCRIPTION PENINSULAR SPANISH LITERATURE, AND FRENCH LITE REQUIRED. CAREER: GRADUATE	TOTAL	COUNT	FRENCH UNIVERSITY OF ARTZONA, ARIZONA BRIEF PROGRAM DESCRIPTION IN THE DEPARTMENT OF ROMAN OF A BACHFLOR'S DEGREE WIT PROGRAM IS DEPENDENT UPON MUST DEMONSTRATE KNOWLEDGE
HEGIS CODE	1101			1101		1102

HEGIS CATEGORY: 1100 FORFIGN LANGUAGES

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CDADHATE FNERLIMENT 1977-79 FILL-TIME PART-TIME TOTAL		S METHODOLOGY.	39	4 0 23 FRENCH LANGUAGE. GRADS MAJOR IN FRENCH OR ITS	0 15 MASTFR'S DFGREF	6 7 21 2 11 2 FEN REVISED TO PERMIT GREATER CONCENTRATION ON METHODOLOGY & ON PERIODS OF LITERARY HISTORY, THE DEPARTMENT STRESSES THE USE OF TEMPTS TO RECONCILE THE DEMANDS OF CREATIVE TRACHING &	1 FRADY HISTORY AS WELL AS OF MODERN CRITICAL BE DH.D. IN FRENCH, APPLICANTS MUST TAKE GRAD A 1 1 5 PH.D. PONGPAM IN FRENCH.
24 1977-78 MAST DOCT F	c	8 2 AND TEACHING	0	O CH LANG		Z ATEP CON Y* THE F	CH. APPL CH. APPL I
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1973-74 MAST POC	ATE SCHOOL.	SITY. CALIFOR A B NESCRIPTION DEICIFNCY. L	TY. CALIFORN	CAL TEORNIA 3 0 0 NESCRIPTION RATURE FROM FFACHING AT	CALIFORNIA PESCRIPTION RATURE, CRIT NG FXAM FOR	CLOS ANGELES. CALIFORNIA 11 4 14 1 PROGRAM DESCRIPTION DOCTORAL PROGRAM HAS RECENTLY R INTERCONNECTION OF THE VAPIOUS ICH AT ALL LEVELS OF WORK, IT AT	A TO IMPART AN INDERSTA S. FOR PROGRAMS LEADING ST 44. ST 64. INF. CALIFORNIA OFSCRIPTION ARF CHRRENTI Y RFING ADM
MAME OF PROGRAMS	CLARFMONT GRADUATE SCHOOL. CALIFORNIA 4 1 4 2	FPENCH STANFORD UNIVERSITY. CALIFORNIA 6 N 10 P PRIFF PROGRAM DESCRIPTION LANGUAGE PROFICIENCY. LITERATURE.	FRENCH U OF CAL BERKFI, FY. CAL IFORNIA	FDFNCH II OF CAL. DAVIS. CALIFORNIA 3 3 PRIEF PROGRAM DESCRIPTION FRENCH LITERATURE FROM MEDIEVAL TO CARFERS IN TEACHING AT THE UNIVERSE	FRENCH U OF CAL IPVINE. CALIFORNIA A 3 6 RRIFF PROGRAW DESCRIPTION FRENCH LITERATURE, CRITICAL APPROACHES. AS GUAL IFYING FXAM FOR DOCTORAL PROGRAM	FPENCH 11 4 1 6 7 21 2 11 2 12 4 14 1 6 7 21 2 11 2 RRIFF PROGRAM DESCRIPTION THE DOCTORAL PROGRAM HAS RECENTLY REVISED TO PERMIT GREATER CONCENTRATION ON METHODO THE INTERCONNECTION OF THE VAPIOUS PERIODS OF LITERARY HISTORY, THE DEPARTMENT STRESSES TH FRENCH AT ALL LEVELS OF WORK, IT ATTEMPTS TO RECONCILE THE DEMANDS OF CREATIVE TFACHING &	SCHOLARSHIP & TO IMPART AN INDERSTANDING OF LITERARY HISTORY AS WELL AS PERSPECTIVES, FOR PROGRAMS LEADING TO THE MA & DH.D. IN FRENCH, APPLICA EXAM ANY TEST 44. FRENCH LI OF CAL OTVERSINE, CALIFORNIA RRIFF PROGRAM DESCRIPTION NO STUDENTS ARE CHRRENTLY REING ADMITTED TO THE PH.D. PROGRAM IN FRENCH.
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HEGTS CATEGORY: 1100 FORETGN LANGUAGES

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1977-78 TOTAL	6 IN THE S WELL AGE.	TWO ON FMENT OR	22 AND 20TE	13 NRFS OF	32 NGUISTIC
GPADUATE FNROLLMENT 1977-79 FILL-TIME PART-TIME TOTAL	0 OTHER THAN REDUINED. A	HE STUDFNT:	22 18TH, 19TH AND 20TH	2 0 1 2 13 LINGUISTICS: VAPIOUS OTHER PERIODS OR GENRES OF	32 FRENCH/LINGUISTICS; ROMANCE LINGUISTICS. CAREFRS: TEACHING COLLEGE OR UNIVERSITY. TRANSLATOR.
GRADUATE FULL-TIME	6 NATION IS	17 FCTED RY TI DFFINED L	OR PHONET	S OTHER PE	NGUISTICS TEACHING CO
1977-78 MAST DOCT	UNDERTAKES CORD FXAMI	0 0 PFRIOD SEL	PHILOLOGY, 2 0 RENAISSA YEAR COLL	1 2 CS: VAPTOL	
*** 77 0CT	O 1 0 2 0 0 6 6 6 A PROJECT OTHER THAN IN THE IZING. THE GRADUATE RECORD FXAMINATION IS REQUIRED. AS WELL AS TURE OF THE STUDENTS. SPECIALTY AND ONF FOREIGN LANGUAGE.	8 5 5 0 0 17 EXAMINATIONS: ONE ON A PFRIOD SELFCTED BY THE STUDENT; TWO ON A EXAMINATION ON ANAUTHOR OR A WFLL-DFFINFO LITERARY MOVEMENT OR	INCLUDE: LINGUISTICS. PHILOLOGY. OP PHONFTICS. 4 1 5 0 2 0 ERATURE OF MIDDLE AGES. RENAISSANCE. 17TH. 18TH. UDE: AB IN FRENCH: ONF YEAR COLLEGE LATIN.	2 0 ID LINGUISTI	6 0 5 4 ES: FRENCH/LITERATURF: STER'S DEGREE. PRIMARY MINOR IN RUSINESSOP AS
DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST DI	0 1 APPROACH. EA IZING. THE G	8 SXAMINATIONS	INCLUDE: LI 4 1 FERATURE OF FUDE: AB IN	4 1 PHILOLOGY AND	6 0 IES: FRENCH/ ASTER'S DEGR MINOR IN RU
**** EARNED 1974-75 T MAST DOCT	0 0 APATIST SPECIAL F LITEPA	E 4 N	NF INTEREST **LIFORNIA **A **A **A **A **A **A **A		DRADO 1 2 SUBSPECIALTI FREMENTS: ME
1973-74 MAST DOCT	RENCH CAL SAN DIEGO. CALIFORNIA O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CAL SANTA BARBARA, CALIFORNIA 6 0 5 3 IEF PROGRAM DESCRIPTION STUDENTS MUST TAKE A MINIMUM OF 4 GENRE SELECTED BY THE STUDENT: AN	CRITICAL SCHOOL. AREAS OF INTEREST INCLUNES RENCH SOUTHFRN CALIFORNIA, CALIFORNIA 4 2 4 1 4 IEF PROGRAM DESCRIPTION DEVELOPMENT OF FRENCH LANGUAGE: LITERATURE CENTURIES. PREFEQUISITES: GRE APTITUDE: AB	ANGUAGES: FRENCH ERSITY OF UTAM. UTAM 1 3 2 IEF PROGRAM DESCRIPTION MEDIEVAL LITERATURE COMBINED WITH	RENCH ERSITY OF COLORADO. COLORADO LEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: FRENCH/LITERATURF: SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S DEGREE. PRIMARY POSSIBLE CAREER PREPARATION WITH A MINOR IN RUSINESSOP AS
NAME OF PROGRAM/ INSTITUTION	FRENCH U OF CAL SAN DIEGO. CALIFORNIA 0 0 0 0 0 THE DEPARTMENT USES A COMP LANGUAGE IN WHICH THEY ARE ADVANCED EXAMINATION IN TH	FRENCH U OF CAL SANTA BARBARA, CALIFORNIA 6 0 5 8 BRIEF PROGRAM DESCRIPTION STUDENTS MUST TAKE A MINIMUM OF GENRF SELECTED BY THE STUDENT:	FRENCH U OF SOUTHFRN CALIFORNIA, CALIFORNIA A 2 4 RRIEF PROGRAW DESCRIPTION DEVELOPMENT OF FRENCH LANGUAGE; CENTURIES, PREREQUISITES: GRE AP	LANGUAGES: FRENCH UNIVERSITY OF UTAM. UTAM 6 1 BRIEF PROGRAW DESCRIPTION MEDIEVAL LITFRATURE COM	FRENCH UNIVERSITY OF COLORADO. COLORADO A. 4 BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSP SPECIAL ADMISSIONS REQUIREME POSSIBLE CAREER PREPARATION
HFGTS N CODE	1102				

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TOTAL

HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

9 CHELOR OR
OF CAL INVINE. CALIFORNIA 4 0 2 1 2 0 3 0 1 1 8 1 9 BRIEF PROGRAM DESCRIPTION GERMAN LITERTURE, STRUCTURE AND HISTORY OF GERMAN LANGUAGE, ADMISSION REQUIREMENTS: BACHELOR OR MASTER'S DEGREE IN GERMAN; GRE APTITUDE TEST.

HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

CEILING LEVFL REACHFD	Z A	A	Z Z	× > 2	« Z	A
MANDATORY CFILING ON ENROLLMFNT	O Z	O Z	ON	O Z	0	CZ
***** EARNED DEGREES CONFERRED ***** 1973-74 1974-75 1975-74 1975-77 1977-78 GRADUATE ENROLLMENT 1977-78 MAST DOCT MAST DOCT MAST DOCT FILL-TIME PART-TIME TOTAL	GERMAN U OF CAL SANTA BARBARA. CALIFORNIA 0 0 10 0 10 NO RRIEF PROGRAM DESCRIPTION ALL APPLICANTS MUST TAKE THE ADVANCEN GERMAN TESTADMINISTERED BY THE FOUCATIONAL TESTING SFRVICE. STUDENTS MUST DEMONSTRATE COMPETENCY IN: GERMAN PHILOLOGY AND OLDER GERMAN LITERATURE. INCLUDING THEHISTORY OF THE GERMAN LANGUAGE AND A SUBSTANTIVE KNOWLFDGE OF EITHER GOTHIC OR OLD HIGH GERMAN: MAJOR WORKS AND MOVEMENTS IN GERMAN LITERATURE AFTER 1624.	LLIFORNIA. CALIFORNIA 5 3 2 5 3 0 1 4 DESCRIPTION CRITICISM OF GERMAN LITERATURE OR MODERN AND APPLIED GERMAN LINGUISTICS AND LITERARY CRITICISM. PREREQUISITES: GRF APTITUDE: AM IN GERMAN: SCRFENING EXAM.	GERMAN OF OREGON MAIN CAMPUS, OREGON 5 4 4 6 2 5 8 6 7 1 0 17 5 22 NO FRIEF PROGRAM DESCRIPTION THE DOCTORAL PROGRAM MAY BE CENTERED ON LITERATURE OR PHILOLOGY, HOWEVER, THE MAIN EMPHASIS OF THE STAFF IS ON LITERATURE FROM THE 16TH CENTURY TO THE PRESENT WITH SPECIAL CONCENTRATION IN 20TH CENTURY LITERATURE, AN M.A. IN GERMAN OR PASSING QUALIFYING FXAMINATION, ACCEPTABLE GRE SCORES, AND ONE FOREIGN LANGUAGE, USUALLY FRENCH, ARE REDUIRED FOR ADMISSION.	GERMAN UTAM. UTAM 3 1 7 1 2 0 2 1 W DESCRIPTION ITERATURE COMRINED WITH PHILOLOGY AND LINGUISTICS: VARIOUS OTHER PERIODS OR GENRES OF	WASHINGTON, WASHINGTON 18 4 13 3 10 6 R 3 8 2 20 13 33 CURRICULUM SERVES THE NEEDS OF THE FUTUPE PROFFSSOR AT UNIVERSITIFS AND COLLEGES, SCHOLARSHIP AND RESEARCH, ADMISSION REQUIREMENTS ARE 36 CRFDITS OF GRADUATE STUDIES IN PLUS RESEARCH THESIS OR EQUIVALENT OF MASTER'S DEGREE IN GFRMANICS.	GFRMAN UNIVERSITY OF COLORADO. COLORADO 7 5 4 2 8 6 5 1 7 2 RRIEF PROGRAM DESCRIPTION CUPRICULAR EMPHASES OR SUBSPECIALTIES: GERMAN LITERATURE. PRIMARY CARFERS: FEACHING. ESPECIALLY AT COLLEGE OR UNIVERSITY LEVEL.
NAME OF PROGRAM/ INSTITUTION	GERMAN U OF CAL SI BRIFF PRO ALL APP STUDEN' THEHIS'	GERMAN U OF SOUTHFRN CA BRIEF PROGRAM HISTORY AND	GERMAN U OF ORFGON THE DOC STAFF CENTURY	LANGUAGES: GE UNIVERSITY OF UT RETEF PROGRAM MEDIEVAL LITERATURE.	GERMAN UNIVERSITY OF RRIEF PROGRE THE PH.D. STRESSING GERMANICS	GERMAN UNIVERSITY BRIEF PRO CURRICI COLLEGI
HEGTS N	1103					

HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

HEGIS	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	*** 74 00CT	197 MAST	**** EARNED 1974-75 T MAST DOCT		DEGREFS CO 1975-76 MAST DOCT	DEGREFS CONFERRED 1975-76 1976-1 MAST DOCT MAST DO	20	**** 7 1977-78 CT MAST DOCT	-7A DOCT	GRADUATE EN EULL-TIME	GRADUATE ENPOLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	977-78 TOTAL	MANDATORY CEILING ON ENPOLLMENT	CETLING LEVEL REACHFD
1103	TOTAL															
		63	56	53	59	70	39	4	54	48	14	130	19	731		
	COUNT															
		12														
1104	ITALIAN STANFORD UNIVERSITY, CALIFORNIA 0 0 0 0 BRIEF PROGRAM DESCRIPTION ITALIAN LANGUAGE, CULTURE, AND LITERATURE	ITY. CA DESCRIP UAGE. C	ALIFOR 0 7 I ON 3 UL TUB	PNIA 0 9E, Al	0 PD LI.	0 TERATU	RF.	c	c	۳	c			m	Ç.	4
	ITALIAN U OF CAL BERKELEY. CALIFORNIA	Y. CALI	FORN	1 1	^	-	~	-	e	c	c	21	0	12	YES	Š
		FLES. C	ALIFO	DRNIA 3	m	œ	ហ	12	-	~	m			23	O Z	N N
	BRIEF PROGRAM DESCRIPTION THE PH.D. IN ITALIAN IS ARE SELECTED: MEDIEVAL, AT ALL LEVELS OF WORK, ROMANCE LANGUAGE OR ANY	DESCRIP I ITALIA I MEDIE LS OF W	VAL.		RED IN ISSAN IREMET	THE AND VIS FO	FOLLON BAROO R ADM	JING TOUE, M	HREE FOODERN. ARE A	TELDS. THE D N ACCE	FROM FPARTM PTARLF GOOD	OFFERED IN THE FOLLOWING THREE FIELDS. FROM WHICH ONE MAJOR AND (PENAISSANCE AND BAROQUE, MODERN. THE DFPARTMENT STRESSES THE USE REDUIREMENTS FOR ADMISSION ARE AN ACCEPTABLE UNDERGRADUATE MAJOR OTHER FIELD OF THE HUMANITIES. WITH A GOOD SCHOLASTIC RECORD.	OFFERED IN THE FOLLOWING THREE FIELDS, FROM WHICH ONE MAJOR AND ONE RENAISSANCE AND BAROQUE, MODERN, THE DFPARTMENT STRESSES THE USE OF REDUIREMENTS FOR ADMISSION ARE AN ACCEPTABLE UNDERGRADUATE MAJOR IN OTHER FIELD OF THE HUMANITIES, WITH A GOOD SCHOLASTIC RECORD.	ONE MINOR OF ITALIAN IN A	Z d d	
1104	TOTAL															
		σ	ហ	4	.	0	7	13	4	S	m	21	c	47		

COUNT

HEGIS CATEGORY: 1100 FORETGN LANGUAGES

CEILING LEVEL REACHFD	2		d / z	d Z	a Z	a /z	N/A	
MANDATORY CFILING ON FNROLLMENT	ON N		0N °5	C _N	NO NO	O _N	S.	S Z
MAN NAME OF PROGRAW/ 1973-74 1974-75 1975-76 1975-77 1977-78 GRADUATE ENROLLMENT 1977-78 CF1 INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FINE	SPANISH ARIZONA STATE UNIVERSITY, ARIZONA B 1 7 1 5 4 15 2 7 1 6. 9 15	LATIN AMERICAN LITFRATURF. AS WELL AS THE MINORIN FRFNCH. GFRMAN, ITALIAN, PORTUGU F PREDARED FOR TEACHING AND RFSEARCH AT THWERICAN LITERATURF. PREPEOS: UNDERGRADUATE	SPANISH UNIVERSITY OF ARIZONA. ARIZONA 6 3 7 2 9 5 34 19 53 RRIEF PROGRAM DESCRIPTION STUDENTS MAJORING IN SPANISH WILL ELECT A CONCENTRATION IN SPANISH PENINSULĀR LITERATURE OR SPANISH-AMERICAN LITERATURE. ALL STUDENTS MUST DEMONSTRATEKNOWLENGE OF TWO OTHER FORFIGN LANGUAGES.	SPANISH STANFORD UNIVERSITY. CALIFORNIA 4 5 6 3 2 2 5 1 5 0 RRIEF PROGRAM DESCRIPTION SPANISH LITERATURE. SPANISH AMERICAN LITERATURE. CHICANO LITERATURE. LITERARY THFORY. HISPANIC CIVILIZATION, LANGUAGE AND LINGUISTICS. TEACHING METHODOLOGY.	SPANISH U OF CAL DAVIS. CALIFORNIA 5 0 5 2 17 0 17 BRIEF PROGRAM DESCRIPTION PROGRAM DESIGNED TO DEVELOP COMPETENCE IN THE SPOKEN AND WRITTEN LANGUAGE AND LITERATURE. GRADS ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH AT THE UNIVERSITY LEVEL. PREPEQ.: SUFFICIENT READINGKNOWLEDGE OF A SECOND LANGUAGE, AVERAGE GRADE OF BOR BETTFR.	SPANISH U OF CAL TRVINF. CALIFORNIA 3 2 1 3 3 11 2 8 0 31 7 38 RRIEF PROGRAM DESCRIPTION SPANISH AND SPANISH AMERICAN LITERATURE. ADMISSION REQUIREMENTS: GRF APTITUDE TEST AND ADVANCED TEST IN SPANISH.	SPANISH U OF CAL RIVERSIDE. CALIFORNIA 11 3 4 4 0 11 11 5 3 3 5 1 3 4 4 0 11	THE PHODERM DESCRIPTION THE PHODE MEDICAL THE PRINCIPAL AREAS IN SPANISH & SPANISH AMERICAN LITERATURES, WITH PARTICULAR STRENGTHS IN GOLDEN AGE. CONTEMPORARY PENINSULAR. & SPANISH AMERICAN LITERATURES, APPLICANTS FOR THE PROGRAM WILL NORMALLY HAVE COMPLETED THE M.A. IN SPANISH OR HAVE FOULVALENT PREPARATION. IN ADDITION TO SPANISH & FNGLISH. THE CANDIDATE WILL DEMONSTRATE A READING KNOWLEDGE OF FRENCH & ANOTHER LANGUAGE, FITHER CLASSICAL OR MODERN.
HEGIS NAME	1105 AR		NO TO	ST	D	5	ב	

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FOREIGN
1100
CATEGORY:
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CETLING LEVEL REACHFD	4	d	Z	A Z	N/A
MANDATORY CFILING ON FNROLLMFNT	N NO	Ç	o Z	9 2	ON
**** EARNED DEGREFS CONFERRED **** HFGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-77 1977-78 GRADHATE ENROLLMENT 1977-79 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	UNDER CAL SAN DIEGO. CALIFORNIA O 0 0 0 0 34 RRIFE PROGRAM DESCRIPTION THE DEPARTMENT USES A COMPAPATIST APPROACH. FACH STUDENT UNDERTAKES A PROJECT OTHER THAN IN THF LANGUAGE IN WHICH THEY ARE SPECIALIZING. THE GRADUATE RECORD EXAMINATION IS REQUIRED. AS WELL AS AN ADVANCED EXAMINATION IN THE LITERATURE OF THE STUDENTS: SPECIALTY AND ONE FOREIGN LANGUAGE.	SPANISH U OF CAL SANTA BARBARA, CALIFORNIA 6 1 0 0 24 5 29 8RIEF PROGRAM DESCRIPTION FOUR PROGRAMS IN THE GRADUATE REQUIREMENTS INCLUDE: 1. LANGUAGE AND CULTURE. 2. LITERATURE, 3. LINGUISTICS OR STUDIES IN BILINGUALISM, 4. HISPANIC AND LUSO-RRAZILIAN STUDIES.	SPANISH U OF SOUTHFRN CALIFORNIA, CALIFORNIA 3 4 3 6 5 5 4 7 2 4 RRIFF PROGRAM DESCRIPTION SPANISH OR SPANISH AMFRICAN OR CHICANO LITERATURE: LINGUISTICS; BILINGUALISM AND URBAN HISPANIC CULTURE: MEDIEVAL STUDIFS OPTION (INTFRDISCIPLINARY), PREREQUISITES: GRF APTITUDE AND ADVANCED SPANISH:AM IN SPANISH.	LANGUAGES: SPANISH UNIVERSITY OF UTAH. 5 0 6 0 0 0 4 1 5 0 6 0 0 0 7 BRIFF PROGRAM DESCRIPTION MEDIEVAL LITERATURE COMMINED WITH PHILOLOGY AND LINGUISTICS; VARIOUS OTHER PERIODS OR GENRES OF	SPANISH UNIVERSITY OF COLORADO. COLORADO 15 5 9 6 10 7 9 4 7 4 BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: SPANISH PENINSULAR LITERATURE; SPANISH-AMERICAN LITFRATURE; SPANISH LANGUAGF & LINGUISTICS. SPECIAL ADMISSIONS REQUIREMENTS: M.A. IN SPANISH. PRIMARY CAPFERS: POST-SFCONDARY TEACHING & PESEARCH IN LANGUAGE. LITERATURE AND/OP LINGUISTICS.
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TOTAL

15	HEGIS CATEGORY: 1100 FOREIGN LANGUAGES	IGN LANGUAG	ES												
	NAME OF PROGRAM/ INSTITUTION	1973-74 1974-75 MAST DOCT MAST DOCT	**** EARNED 1974-75 T MAST DOCT	0	DFGREFS CO 1975-76 MAST DOCT	*	DFGREFS CONFERRED ***** 1975-76 1976-77 1 MAST DOCT MAST DOCT MA	*** 77 .	JERRED **** 1976-77 - 1977-78 MAST DOCT MAST DOCT	-7A 00CT	GRADUATF ENPOLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	OLLMENT 1	977-78 TOTAL	MANDATORY CEILING ON ENROLLMENT	CETLING LEVEL REACHED
	STANFORD UNIVERSITY. CALIFORNIA 1 0 2 0 5 RRIEF PROGRAM DESCRIPTION RUSSIAN LANGUAGE, LINGUISTICS. CULTURE.	ITY. CALIFOLITON DESCRIPTION JAGE. LINGU	RNIA 0 2 0 ISTICS, CU	JLTUR		0) LITI	0 1 0 and literature.	0 • H	~	0			Æ	C Z	₫ \ Z
	TOTAL	. 1 0	e N		ırı	c	-	6	~	c	c	c	æ		
		-													
	CHINESE STANFORD UNIVERSITY. CALIFORNIA 0 1 8 REFE PROGRAM DESCRIPTION CHINESE LANGUAGE. CULTURE. AND LITE	ITY. CALIFOI 0 1 DESCRIPTION JAGE. CULTU	RNIA 3 2 PE, AND LI	TERA	0 RATURF.	N	^	c	N	~			15	o Z	Z A
	TOTAL	0	m	-	0	٧	€	c	N	~	c	•	7		
	COUNT	-													
	JAPANFSE STANFORD UNIVERSITY, CALIFORNIA ROBERT PROGRAM DESCRIPTION JAPANESF LANGUAGF, CULTURE, AND LITEPATURE	TTY. CALIFOR 2 0 DESCRIPTION SUAGE, CULTI	RNIA 0 0 URE. AND L	ITER	2 ATURE.	0	٨	-	-	-			ø	ON	N N

LEVEL REACHED CETLING NIA N/A 2 CFILING ON ENPOLLMENT MANDATORY YES 9 ç CENTINGY. MAJOR ATTENTION IS PAID TO THE HISTORY OF THE SCANDINAVIAN LANGUAGES, PROSE FICTION. DRAMA STUDY: MFDIFVAL: ROMANTICISM: & THE TWENTIFTH NORWEGIAN. OR SWEDISH) OR THE FOLLOWIENT. ALSO THE CANDIDATE MUST HAVE A PEADING KNOWLEDGE OF TWO & POETRY. PROSPECTIVE CANDIDATES MUST PPESENT UNDFRORADUATE PREPARATION IN SCANDINAVIAN (DANISH. GOADHATE ENROLLMENT 1977-78 4 25 FIN L-TIME PART-TIME TOTAL 9 19 ¥. C 0 C 18 2 ¢ C MAST DOCT C 0 1977-7R r C **** FARNFO DEGREES CONFERDED **** SLAVIC LANGUAGES. LINGUISTICS. CULTURES. AND LITERATURES. MAST DOCT 2 n 1976-77 THE DEPARTMENT OFFERS SEVEDAL INTERFSTING AREAS OF r. C ^ S MAST DOCT V. C 4 1975-76 c ~ NON-SCANDINAVIAN FORFIGN LANGUAGES. MAST NOCT ¢ C 1974-75 UNIVERSITY OF WASHINGTON, WASHINGTON م 0 0 STANFORD UNIVERSITY. CALIFORNIA HEGIS CATEGORY: 1100 FORFIGN LANGUAGES 1) OF CAL BFRKFLEY, CALIFORNIA RRIFF PROGRAM DESCRIPTION RRIFF PROGRAM DESCRIPTION MAST DOCT 0 C 1973-74 ٨ ^ SLAVIC LANGUAGES SCANDINAVIAN SCANDINAVIAN PPOGDAM/ INCTITUTION NAME OF TOTAL COUNT COLINT TOTAL HFG15 1115 CODE 1108 1114

LANGUAGES
FORETGN !
1100
CATEGORY
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HEGTS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	***** EARNED DEGREES CONFERRED 1974-75 1975-76 1976-7 T MAST DOCT MAST DOCT MAST DO	RNED 75 0CT	DFGREFS C 1975-76 MAST DOCT	S CON 76 10CT	1976-77 MAST DOCT	*** 77 OCT	1977-78 MAST DOCT	7.8 OCT	GRADUATE ENPOLIMENT 1977-79 FULL-TIME PART-TIME TOTAL	NPOLIMENT 1977-79 PART-TIME TOTAL	1977-78 TOTAL	MANDATORY CFILING ON FNROLLMENT	CEILING LEVFL REACHFD
11115	SLAVIC U OF CAL RFRKFLEY. CALIFORNIA 7 3	Y. CALIFORN 7	& 4	ľ	12	0	4	c	c	0	38 8	0	32	YES	C
	SLAVIC UNIVERSITY OF WASHINGTON. WASHINGTON 1 0 0 6 2 6 3 4 0 15 6 21 BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OFFERS A COMPLETF PROGRAM OF COURSES AND SEMINAPS DESIGNED TO PROVIDE CANDIDATES WITH A KNOWLEDGE OF THE LITEPATURE AND METHODOLOGY FOR TRAINING IN RUSSIAN LITEPATURE OR SLAVIC LINGUISTICS. ADMISSION REQUIREMENT IS THE MASTER OF ARTS DEGREF WITH A MAJOR IN A SLAVIC LITERATURE OR LINGUISTICS.	SHINGTON. W 1 1 DESCRIPTION NT OFFERS A OF THE LITE ADMISSION CS.	ASHTNGTO 0 COMPLE PATURE REQUIRE	ON O O TF PR MENT M	6 DGRAM ETHODO IS THF	2 OF CO	A PORSES FOR T	3 AND S ARINI	4 EMINAP NG IN DEGREF	S DES	15 SIGNED TO PI IAN LITFOAT	6 POVIDE CAN URE OR SLA V A SLAVIC	6 21 DF CANDIDATES WIT OR SLAVIC SLAVIC LITFRATURE	NO NOURE	d Z
	SLAVIC UNIVERSITY OF COLORADO. COLORADO $\begin{array}{cccccccccccccccccccccccccccccccccccc$	LORADO. COL 1 2 DESCRIPTION MPHASES OR	ORADO 0 SUBSPEC	3 IALTI	0 Es: SL	DAVIC	OLANGUA	1 GF AN	O LITE	3 RATUR	PE. PRIMARY	CAREERS:	S TEACHING	C N	V
1115	TOTAL	œ o	Œ	σ	<u>~</u>	•	10	vo	4	9	47	æ	49		
	COUNT	4													
1182	ROMANCE LANG. AND LITERATURE UNIVERSITY OF WASHINGTON. WASHINGTON 16 5 13 8 18 3 13 2 43 7 50 BRIEF PROGRAM DESCRIPTION DOCTORAL PROGRAMS ARE OFFERED IN THE FOLLOWING FIFLDS OF SPECIALIZATION: ROMANCE LITERATURE, ROMANCE LINGUISTICS & FRENCH OR SPANISH OR ITALIAN LANGUAGE & LITERATURE, THE DOCTORAL PROGRAM IN ROMANCE LITERATURE, ALLOWS A FLEXIBLE COMBINATION OF TWO OPMORE ROMANCE LITERATURES, AT LEAST 30 OF THE 60	AND LITERA SHINGTON, W 16 5 16 5 NESCRIPTION GRANS ARE LLOWS A FLE	TURE 13 13 FFERFO SPANIS	ON THE OWN	18 FOLL TTALIA	OWING OF TW	13 FIFLD GUAGE	2	12 SPECTA ERATUR	2 LIZAT LITER	18 3 13 2 12 2 43 7 50 FOLLOWING FIFLDS OF SPECIALIZATION: POWANCE LITERATURE, ROMANCE TALIAN LANGUAGE & LITERATURE, THE NOCTORAL PROGRAM IN ROMANCE TION OF TWO ORMORE ROMANCE LITERATURES, AT LEAST 30 OF THE 60	T PROGRAM I LEAST 30	SO URF. ROM N ROMANC OF THE 6	ANO.	Z Z
	CREDITS REDUINED WITHIN THE DEPARTMENT MUST BE IN THE STUDENT'S MAJOR ARFAFRENCH. SPANISH, OR TTALTAM.	INED WITHIN	THE DE	NA C	ENIMO	ST ME	2	2	DENTAS	MAJC	N AKTATK	NCH. SPAN	ISH, ON		

CEILING FVFI	REACHED			Ž Ž		Z	C Z
MANDATORY CELL ING ON	ENROLLMENT			OZ *		S S	YES06v•
		50		72 RIT. TAMIL H IRFS.	5	18 WORLD.	63 INCE PHILN
	NAOLLMFNI PART-TIME	۲		19 EAN. SANSKRIT. IN ENGLISH C LITFRATURFS.	19	THE ANCIENT WORLD.	0 TURF. ROMA
,	GRADUATE ENPOLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	٤٦		SIAN LANGUAGE AND LITERATURE EPSITY OF WASHINGTON. WASHINGTON R O T T T T T T T T T T T T	r.	0 0 . AND CULTUPE OF T	THER FORFIGN LANGUAGES CAL SEPKFLEY, CALIFORNIA 7 15 9 0 0 63 0 63 7 5 14 10 11 7 15 9 0 0 63 7 5 14 10 11 7 15 9 0 0 8 1FF PROGRAM DESCRIPTION 1NCLUDES: ORIENTAL LANGUAGES, RUDDHST STUDIFS, ROMANCE I ANGUAGES AND LITFRATURE, ROMANCE PHILOLOGY AND SPANISH.
	1977-78 MAST 00CT	م		O 1 DU. JAP SOMF OF TBFTAN.	c	O O AND CUI	0 0 GUAGES
* * *	197 MAST	15		101-JR	N	5 HISTOPY	9 m
	2 6	Λ.		7 7 9 PECOLIDA		THF HI	15 ROMANI
DEGDETE CONFERBER	197 MAST	13		HINESP OFFE		AND TE	7
ט	5-76 DOCT	m		THE C ALSO	m vo		il F STUÜ
7007	1975-76 MAST DOCT	α		A IN		TFRAT	1 13HIC1
0 14 14 14 14 14 14 14 14 14 14 14 14 14	-75 -75 DOCT	α		STON 4 ABUCTION NGUAGE C. JAI	4		4 10 S• RUNS
	1974-75 MAST DOC	E		ATURE ASHTNC T TNST TC LA	•	OPNIA P N LASSIC	NTA 14
GUAGE	74 10	r		LITER ON. W DITON VIDES VIDES INFAF.	c	CALIF	LIFORN LIFORN SIPTION
SN LAN	1973-74 1974-75 MAST DOCT MAST DOCT	14	-	AND SHINGT P DESCEI N. AND TN CHI	α ~	STTY. 3 DESCP	N LANGE FY. CAL DESCR RIENTA
O FORFT				ASIAN LANGUAGE AND LITERATURE INIVERSITY OF WASHINGTON, WASHINGTON RATE PROGRAM DESCRIPTION THE DEPARTMENT PROVIDES INSTRUCTION IN THE THAIS TIRFTANS AND TURKIC LANGUAGES. IT ALS TRANSLATIONS IN CHINESES INDIC. JAPANESE. KO		CLASSICS STANFORD UNIVERSITY. CALIFORNIA 3 3 5 7 2 RRIFF PROGRAM DESCRIPTION CLASSICAL LANGUAGFS. CLASSICAL	OTHER FORFIGN LANGUAGES OF CAL REPREIEY. CALIFORNIA 7 5 RRIFF PROGRAW DESCRIPTION INCLUDES: ORIENTAL LANGUA AND SPANISH.
: 110	ME OF PROGRI		.be	EPSIT	7 F	CLASSICS NFORD UN STIFF PRO	OTHER OF CAL ARIFF INCL
HEGIS CATEGORY: 1100 FORFIGN LANGUAGFS	NAME OF PROGRAM/ INSTITUTION	TOTAL	COUNT	A Y R	COLINT		D E
HFGIS	HFG1S CODF	1182		1192	5611	1199	

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

HEGIS	NAME OF PROGRAM	AM/ 1973-74	**** EARNED 1974-75	DEGREES CONFERRED 1975-76 1976-	CONFERRED **	***	1977-78 1977-78	GPADUATE ENPOLLMENT 1977-78	1977-78	MANDATORY CEILING ON	CEILING LEVEL BEACHED
1199	OTHER FOR	OTHER FORFIGN LANGUAGES U OF CAL LOS ANGELES. CALIFORNIA	STEPRITA	0							
	BRIEF PROC PROGRAM LITERATI	RRIEF PROGRAM DESCRIPTION PROGRAM INCLUDES: (1)GERMANIC LANGUAGES: LITERATURES: (4)ORIENTAL LANGUAGES: AND.	S CU CU ON GERMANIC LANG		(2) HISPANTC LANGUAGES (5) SLAVIC LANGUAGES.	LANGUA	AGESt (3)	(2) HISPANTC LANGUAGES: (3) NFAP EAST LANGUAGFS AND (5) SLAVIC LANGUAGES.	AND AND	Ž	Z Z
	OTHER FOR	OTHER FOREIGN LANGUAGES U OF CAL SANTA BARBARA, CALIFORNIA 0 0	S ALIFORNIA 0 0 0	0	c	-	0	21	23	ON.	N/A
	RRIEF PROC FLEXIRLE FIFLDS	BRIEF PROGRAM DESCRIPTION FLEXIRLE PROGRAMS. DEMONSTRATING COMPETENCIES IN A FIELDS (DEPENDING ON LANGUAGE). ALL GRADUATE SCHOOL	ON MONSTRATING C LANGUAGE) - AL	COMPETENCIE L GRADUATE	_	SPECTAL	SPECTAL FIFLD AND REQUIREMENTS MUST	SPECIAL FIFLD AND AT LEAST ONE OF TWO MINOR REQUIREMENTS MUST BE SATISFIED.	NO MINOR		
	OTHER FOR	OTHER FOREIGN LANGUAGES U OF OREGON MAIN CAMPUS. OPEGON 10 4	S OREGON 4 1 0	0	0	0	0			ON	N N
	MIDDLE FA	MIDDLE FAST STUDIFS UNIVERSITY OF UTAH. UTAH									
	RRIFF PRO	PRIFF PROGRAM DESCRIPTION	0 7 1 0N	0	c	c	11 4		36	ON	N/A
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CATEGORY TOTAL

CETLING LEVEL REACHFD

MANDATORY CFILING ON FNROLLMENT

GRADUATE ENPOLLMENT 1977-78 FILL-TIME TOTAL

HEGIS CATEGORY: 1100 FORFIGN LANGUAGES

***** EARNED DEGREES CONFERPED *****
1973-74 1974-75 1975-74 1977-78
MAST DOCT MAST DOCT MAST DOCT NAME OF PROGRAM/ HF61S CODE

COUNT

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HEGTS CATEGORY: 1200 HEALTH PROFESSIONS

CETLING LEVEL REACHED	Z	CZ	a /z	N N	a Z
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GPADUATF ENPOLLMENT 1977-78 FII L-TIMF PART-TIME TOTAL	69 FNT TO THE No. (3)REI VELEMENTAI ATING ACADI	SSING WHO JUSTING WHO JUSTING WHO JUSTING WHO JUSTING WOLLE	OGICAL NIR	NUPSTNG SC TLLNESS PAISON PEC	NURSTNG & OCIAL NURS: MEMENTS: M
GRANUATE P	SA LY FOUTVALE ICF AS A R. A COURSE II WENT INDIC	346 LAPS IN NUR ARFA OF NU TUDY HAVE E	S. PHYSIOL	VE FIFLDS OF NURSING SCIENCE: TO HFALTH AND ILLNESS ENVIRONMENTS PHYSICAL ADMISSION PEGUIR GRE-	YCHOSOCIAL HE PSYCHOS TONS REDUIL
1977-78 MAST DOCT	PO 0 URSTANTTAL F TO PRACT LETION OF (6) A STATE CTORAL PRO	150 4 EPARE SCHOLURSTANTIVE URSES OF STANURSING IN	18 0 20 0 PSYCHOSOCIAL NURSING, PHYSIALOGI NFW PH.D.PROGRAM BEGAN IN F *78.	FO TO FIVE TATIONS TO FUTICS: PH	99 0 URSING, PS' LARLE IN TI IAL ADMISS
*** 77 0CT	PROGRAM IN NURSING SURSTANTIALLY FOUTVALENT TO THE B.S. DF (2) A CURRENT LICENSF TO PRACTICE AS A R.N (3) REFERENCES (4) SATISFACTORYCOMPLETION OF A COURSE IN ELEMENTARY TEST OF THE GRE. & (6) A STATFMENT INDICATING ACADEMIC & CH INTERESTS. THE DOCTORAL PROGRAM IS STRONGLY RESEARCH	0 Z n B 150 4 346 UCE PROGRAM IS TO PPEPARE SCHOLAPS IN MURSING WHO ARE EXPERT PE KNOWLEDGE IN A SUBSTANTIVE AREA OF NURSING WPACTICE. GRAD SIN HFALTHCARE. COURSES OF STUDY HAVE BEEN DEVELOPED IN COMMUNITY NURSING IN RIOLOGICAL DYSFUNCTION. FAMILY ORAL SCIENCES.	18 0 PSYCHOSOC	O O INING RELAT	100 0 IOLOGICAL N L BF AVAT BUENCE.SPFC ERS: NUPSIN
DEGREES CONFERED 1975-74 1976- MAST DOCT MAST D	ERSITY OF ARIZONA, ARIZONA 17 0 26 0 24 0 29 0 58 69 13 IEF PROGRAM DESCRIPTION REQUIREMENTS: (1) COMPLETION OF AN UG PROGRAM IN NURSING SURSTANTIALLY FOUTVALENT TO THE B.S. ATTESTING TO PROFESSIONAL COMPETENCE, (4) SATISFACTORYCOMPLETION OF A COURSE IN ELEMENTARY STATISTICS, (5) SCORES ON THE APTITUDE TEST OF THE GRE, & (6) A STATEMENT INDICATING ACADEMIC ADDITING ACADEMIC.	URSING L SAN FRISCO MEDL CTR. CALIFORNIA O 2 0 8 150 4 346 LESAN FRISCO MEDL CTR. CALIFORNIA O 4 0 346 IEF PROGRAM DESCRIPTION THE AIM OF THE DOCTOR OF NURSING SCIFNCE PROGRAM IS TO PREPARE SCHOLARS IN NURSING WHO ARE EXPERT IN RESEARCH & WHO HAVE ATTAINED A DEPTH OF KNOWLEDGE IN A SUBSTANTIVE AREA OF NURSING PRACTICE. GRADS ARE PREPARED TO ASSUME LEADERSHIP ROLES IN HEALTHCARE. COURSES OF STUDY HAVE BEEN DEVELOPED IN HEALTH CARPIOUS FIFLDS WITHIN MENTAL HEALTH & COMMUNITY NURSING IN BIOLOGICAL DYSFUNCTION. FAMILY HEALTH CARF NURSING. & SOCIAL & BEHAVIORAL SCIENCES.	URSING ERSITY OF UTAH, UTAH 25 0 22 0 1A 0 20 0 IEF PROGRAW DESCRIPTION AREAS OF SPECIALIZATION: TRANSCULTURAL NURSING, PSYCHOSOCIAL NURSING, PHYSIALOGICAL NURSING, PARENT-CHILD NURSING, GERONTOLOGICAL NURSING, A NFW PH.D.PROGRAM BEGAN IN F "78.	URSING ERSITY OF WASHINGTON, WASHINGTON 1 PESSITY OF WASHINGTON, WASHINGTON 1 PE PROGRAM DESCRIPTION THE PROGRAM PROVIDES FOR RIGOROUS RESEARCH TRAINING RELATED TO FIVE FIFLDS OF NURSING SCIENCE: INDIVIDUAL PROPERTIONS TO HEALTH AND ILLNESS, FAMILY ADAPTATIONS TO HEALTH AND ILLNESS ENVIRONMENTS. CINICAL THERAPEUTICS, INTERPERSONAL! AND CLINICAL THERAPEUTICS: PHYSICAL, ADMISSION PEQUIR, - GRE,	UPSING FRSITY OF COLORADO, COLORADO 132 0 74 0 106 0 100 0 99 0 IFF PROGRAM DESCRIPTION CURPICULAR FMPHASES OR SUBSPECIALTIES: PSYCHORIOLOGICAL NURSING, PSYCHOSOCIAL NURSING & NURSING DELIVERY SYSTEMS, TWO SUB-SPECIALTIES WHICH WILL BF AVAILABLE IN THE PSYCHOSOCIAL NURSING AREA ARFTHE MENTAL HEALTH SFOUENCE & GERONTOLOGY SEQUENCE, SPECIAL ADMISSIONS BFOUTREMENTS: MASTFR'S DEGREE IN NURSING, OP FOULVALENT, PRIMARY CARFERS: NURSING& NURSING RESEARCH, TFACHING &
EARNED 974-75 ST DOCT	URSING ERSITY OF ARIZONA, ARIZONA 17 0 29 0 2 IEF PROGRAM DESCRIPTION REQUIREMENTS: (1)COMPLETION OF AN UG P PROGRAM AT THE UNIVERSITY OF ARIZONA, ATTESTING TO PROFESSIONAL COMPETENCE, STATISTICS, (5)SCORES ON THE APTITUDE PROFESSIONAL GOALS AS WELL AS RESEARC	LIFORNIA 0 3 UURSING SCT VURSING ACT VED A DEPTH VED HALLH TAL & BEHA	25 0 FRANSCULTUR	HINGTON RE 0 RE 11GOROUS RE HEALTH AND FERPERSONAL	ADO 0 TA 0 SPECIALTIF SPECIALTIF SPECIALTIF SPECIALTIF SPECIALTIF SPECIAL SPEC
***** 1973-74 19 MAST DOCT MA	NURSING UNIVERSITY OF ARIZONA, ARIZONA 17 0 17 0 REGUIREMENTS: (1) COMPLETTO PROGRAM AT THE UNIVERSITY ATTESTING TO PROFESSIONAL STATISTICS, (5) SCORES ON T PROFESSIONAL PROFESSIONAL PROFESSIONAL PROFESSIONAL	NUPSING CAL SAN FRISCO MEDL CTR. CALIFORNIA O 4 0 3 BRIEF PROGRAM DESCRIPTION THF AIM OF THE DOCTOR OF NURSING SCI RESEARCH & WHO HAVE ATTAINED A DEPTH ARE PREPARED TO ASSUME LEADERSHIP RG VARIOUS FIFLDS WITHIN MENTAL HEALTH HEALTH CARF NURSING. & SOCIAL & BEHA	URSING ERSITY OF UTAH, UTAH 25 0 25 0 IEF PROGRAW DESCRIPTION AREAS OF SPECIALIZATION: TRANSCULTUR	NURSING UNIVERSITY OF WASHINGTON, WASHINGTON 98 0 82 98 THE PROGRAM DESCRIPTION THE PROGRAM PROVIDES FOR RIGOROU INDIVIDUAL ADAPTATIONS TO HEALTH CLINICAL THERAPEUTICS: INTERPERS	NUPSING NUPSING NUIVEPSITY OF COLORADO, COLORADO 132 0 74 0 132 0 74 0 CURPICULAP FMPHASES OR SUBSPECIALTIF DELIVERY SYSTEMS, TWO SUB-SPECIALTIF ARFTHE MENTAL HEALTH SFOUENCE & GERO DEGREE IN NURSING, OP FOUIVALENT, PR ADMINISTRATION IN THE AREAS IDENTIFI
	NURSING IVERSITY OF ARIZONA, ARIZO ORIEF PROGRAM DESCRIPTION REQUIREMENTS: (1) COMPLE PROGRAM AT THE UNIVERSI ATTESTING TO PROFESSION STATISTICS, (5) SCORES OF PROFESSION PROFESSIONAL GOALS AS OF PROFESSION PROFESSION PROFESSION PROFESSIONAL GOALS	NUPSING CAL SAN FRISCO MEDL CTR. (4 BRIEF PROGRAM DESCRIPTION THE AIM OF THE DOCTOR OF RESEARCH & WHO HAVE ATT ARE PREPARED TO ASSUME I VARIOUS FIFLDS WITHIN ME HEALTH CARE NURSING. & &	NURSING 25 0 RRIEF PROGRAW DESCRIPTION AREAS OF SPECIALIZATION PARENT-CHILD NURSING. G	NURSING IVERSITY OF WASHINGTON, W. ORRIFF PROGRAM DESCRIPTION THE PROGRAM PROVIDES FOR INDIVIDUAL THERAPITIONS CLINICAL THERAPITIONS FINEDEFERENCES AND A ST	NUPSING IVERSITY OF COLORADO, COLO BRIEF PROGRAM DESCRIPTION CURRICULAR FMPHASES OR DELIVERY SYSTEMS, TWO STAFFIE MENTAL HEALTH SFE DEGREE IN NURSING, OP FE ADMINISTRATION IN THE A
NAME OF PROGRAM/ INSTITUTION	NURSING UNIVERSITY OF RRIEF PROGR PROGRAM A ATTESTING STATISTING PROFESSION	NUPSING U CAL SAN I THE ATTHE ATTH VAPION	NURSING UNIVERSITY BRIEF PR AREAS PARENI	NURSTNG UNIVERSITY BRIFF PR THE PR INDIVI CLINIC	NUPSING UNIVERSITY BRIEF PROCURPIO DELIVE DEGREE APMINI
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HFGTS	HEGIS CATEGORY: 1200 HEALTH PROFESSIONS	TH PROF	ESSION	SN												
HEGTS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	章	0.10	0	DFGREFS CONFFRRED ***** 1975-76 1976-77 1 MAST DOCT MAST MAST	CONF	1976-77 1976-77 MAST DOCT	****	1977-78 MAST DOCT		OUATE ENRO	GPADUATE ENPOLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	977-7R TOTAL	MANDATORY CFILING ON FNROLL WENT	CEILING LEVEL REACHED
1203	TOTAL	27.5	4	9	٣	263	n	242	a	a		904	0	į		
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1205	CRANIOFACIAL RIOLOGY U OF SOUTHFRN CALIFORNIA, CALIFORNIA	RIOLOGY	A. CAL	IFORA	1I A											
	0 0 BRIEF PROGRAM DESCRIPTION EVOLUTION, GROWTH, STRUCTURE MALFUNCTIONS, PRFREGUISITES:	DESCRIP SROWTH.	TION STRUCT		O IND FUI	O VCTION TITUDE:	OF OR	OR MD	OFS: E	TIOLOGY IN DEN	Y AND F	SATHOGENE	0 0 0 0 11 AND FUNCTION OF ORALTISSUFS: ETIOLOGY AND PATHOGENESIS OF DISFASFS GRE APTITUDE: DDS OR MD OR BS IN DENTAL HYGIENF OR NURSING.		NO AND	4
1205	TOTAL															
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

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1974-75 1975-76 AST DOCT MAST DOCT	
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A 4 0 THE COLLEGE PHARMACOKINFI ANIMAL COLOR	E CO RMAC TWAL
LIFORNIA O 83 O 61 O 91 O 0 404 Y TRAINS PHARMACISTS WHO HAVE ADVANCED KNOWLFDGF & SKILLS IN THE SAFF (GS. IT LEADS TO THE DOCTOR OF PHARMACY (PHARM.D.) DEGREE, IN ADDITION. ROGRAM IN PHARMACEUTICAL CHEMISTRY (INCLUDING PHARMACEUTICS) LEADING TO	PRNTA 93 RAINS F 1T LEV
IFORNIA 0 0 3 3 0 3 APPLICATIONS: 2 YEAR FULL-TIMF PRO	NIA 0 PLICATI
ON 5 1 1 LOWING FIFLDS CHEMISTRY, PHA	ING
HARMACEUTICS F INFLUENCE DOSA S NFCESSARY TO MACY OR BIOPHA OF DOSAGE FO	MACEUTICS LUENCE DOS FCESSARY T Y OR BIOPH F DOSAGE F

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PART-TIME TOTAL	9 CEUTICAL (ITH UNDER RADUATE S' RSES RASI	1 ITH EMPHAS TION FOR 1 OF THE REG	OLOGY.
GPADUATE ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	HARMACY 2 4 2 1 5 1 31 2 4 2 4 6 4 6 1 5 1 31 SERSITY OF WASHINGTON, WASHINGTON 3 4 2 1 5 1 31 SERVITY OF WASHINGTON, WASHINGTON SERVITY OF WASHINGTON GRADUATE DEGREES ARE OFFERED WITH SPECIALIZATION IN MEDICINAL CHEMISTRY, PHĀRMACFUTICAL CHEMISTRY, PHARMACOGNOSY, PHARMACEUTICS, HOSPITAL PHARMACY & CLINICAL PHARMACY, STUDENTS WITH UNDERGRADUATE DEGREES IN PHARMACY OF IN THE BIOLOGICAL OF PHYSICAL SCIFNCES ARE ACCEPTED IN GRADUATE STUDY. STUDENTS WITHOUT UNDERGRADUATE DEGREES IN PHARMACY ARE PFOUIRED TO COMPLETE COURSES RASIC TO THEIR CHOSEN FIELD OF STUDY DUPING THEIR GRADUATE CAREERS.	HARMACY INGTON ST UNIVERSITY. WASHINGTON 1 0 3 2 2 1 14 1 IFF PROGRAM DESCRIPTION GRADUATE STUDENTS MAY SPECIALIZE IN PHARMACEUTICAL CHEMISTRY. PHARMACEUTICS (WITH EMPHASIS IN RIOPHARMACEUTIC OR PHYSICAL PHARMACEUTICAL CHEMISTRY. PHARMACEUTIC OR PHYSICAL PHARMACEUTICAL SCIFNCE. THE USUAL PATTERN IS COMPLETION OF THE REQUIREMENTS	HARMACFUTICAL SCIENCE ERSITY OF COLORADO, COLORADO TEF PROGRAM DESCRIPTION CUPRICULAR EMPHASES OR SUBSPECIALTIES: PHARMACOLICS, PHARMACOLICAL MEDICAL CHEMISTRY & PHARMACOLICAL PRIMARY CAREEPS: TEACHING & RESFARCH IN PHARMACFUTICAL SCIENCE.
1977-78 G	CHEMISTI	1 '• PHARMAI ICOLOGY•	OMINETIC CAREEPS:
77 CT	NEDICINAL INICAL PHA SCIFNCES	2 2 CHEMISTRY ORPHARMAC	DENT DESTRUCTION OF THE PROPERTY OF THE PROPER
1976-77 1976-77 F MAST DOCT	4 2 2 MATION IN MACY & CL THYSICAL HARMACY A CAREERS.	O 2 EUTICAL CHEN ACOGNOSY, ORE	AACEUTICS
DEGREES CONFERPED 1975-76 1976-7 MAST DOCT MAST DO	5 4 2 SPECIALIZATION IN TAL PHARMACY & CL OSICAL OR PHYSICAL REFS IN PHARMACY A GRADUATE CAREERS.	2 2 0 PHARMACEUTICAL Y) PHARMACOGNOS	PHARMACOC
***** EARNED 1974-75 T .MAST DOCT	HARMACY ERSITY OF WASHINGTON, WASHINGTON 1	HARMACY INGTON ST UNIVERSITY. WASHINGTON 1 0 0 3 IFF PROGRAM DESCRIPTION GRADUATE STUDENTS MAY SPECIALIZF IN RIOPHARMACFUTIC OR PHYSICAL PHARMAC AN ADVANCED DEGREE IN PHARMACFUTICA AN ADVANCED DEGREE IN PHARMACFUTICA	ADO 3 2 BSPECIALTI
**** EARNE 1973-74 1974-75 MAST DOCT .MAST DOCT	NGTON+ WAS 2 4 CRIPTION S ARE OFFE PHARMACEUT WACY OF IN T UNDERGRA STUDY DUR	PSITY. WAS CRIPTION TS MAY SPE OR PHYSIC PRE IN PHA	HARMACFUTICAL SCIFNCE ERSITY OF COLORADO, COLORADO TEF PROGRAM DESCRIPTION CURRICULAP EMPHASES OR SUBSPECIALT PHARMACFUTICAL/MEDICAL CHEMISTRY & PHARMACFUTICAL SCIENCE.
	PHARMACY IVERSITY OF WASHINGTON. W A BRIEF PROGRAM DESCRIPTION GRADUATF DEGREES ARE OFF PHARMACOGNOSY. PHARMACE DEGREES IN PHARMACY OR STUDENTS WITHOUT UNDERG CHOSEN FIELD OF STUDY D	PHARMACY SHINGTON ST UNIVERSITY. W. 1 0 1 0 RRIFF PROGRAM DESCRIPTION GRADUATE STUDENTS MAY SI RIOPHARMACFUTIC OR PHYS AN ADVANCED DEGREE IN PI	PHARMACFUTICAL SCIENCE IVERSITY OF COLORADO. COLO RRIFF PROGRAM DESCRIPTION CURRICULAP EMPHASES OR PHARMACFUTICAL/MEDICAL PHARMACFUTICAL SCIENCE.
NAME OF PROGRAM/ INSTITUTION	PHARMACY ONIVERSITY OF WASHINGTON, WASHINGTON RRIEF PROGRAM DESCRIPTION GRADUATE DEGREES ARE OFFERED WITH PHARMACOGNOSY, PHARMACEUTICS, HOS DEGREES IN PHARMACY OF IN THE BI STUDENTS WITHOUT UNDERGRADUATE DI CHOSEN FIELD OF STUDY DUPING THE	PHARMACY WASHINGTON ST UNIVERSITY. WASHINGTON 1 0 0 RRIFF PROGRAM DESCRIPTION GRADUATE STUDENTS MAY SPECIALIZE RIOPHARMACFUTIC OR PHYSICAL PHARM AN ADVANCED NEGREE	PHARMACFUTICAL SCIENCE UNIVERSITY OF COLORADO, COLORADO ON THE PROGRAM DESCRIPTION CUBRICULAR EMPHASES OR SUBSP PHARMACFUTICAL/MEDICAL CHEMI PHARMACFUTICAL SCIENCE.
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BRIEF PROGRAM DESCRIPTION
TEACHING FACULTY PREPARATION IN KINESIOLOGY AND PHYSTOLOGY OF EXFRCISF: RESFARCH IN
MUSCULOSKFLETALOR NEUROLOGICAL OR CARDIORESPIRATORY OR DEVELOPMENT DISORDERS, PREREQUISITES: GRE
APTITUDE: MS OR CERTIFICATE IN PHYSICAL THERAPY RECOMMENDED. PHYSICAL THFRAPY U OF SOUTHFRN CALIFORNIA

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HEGTS CATEGORY: 1200 HFALTH PROFESSIONS

HEG1S CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	**** EARNED 1974-75 T MAST DOCT		DFGREFS CONFERPED 1975-76 1976-	Č	FERPED * 1976-77	*	## 1977-78 MAST DOCT		RADUATE !	GRADLIATE ENPOLLMENT 1977-78 FIILL-TIME PART-TIME TOTAL	1977-78 TOTAL	MANDATORY CFILING ON FNROLLMENT	CETLING LEVEL REACHFD
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1214	PUBLIC HFALTH LOMA LINDA UNIVERSITY. CALIFORNIA	EPSITY. CALI	FORNIA	10	001	=	105	S.	135	•	233	196	624	Ç	X 4
	BRIFF PROGRAM DESCRIPTION A DOCTORATE (D.H.SC.) IS OFFERED WITH SPECIALITIES IN THE AREAS OF HFALTH ADMINISTRATION. HFALTH SCIENCFS. NUTRITION. FNVIRONMENTAL AND TROPICAL HFALTH AND HEALTH EDUCATION. THF PURPOSE IS TO PRFPARE A PREVENTIVE HFALTH CARE FDUCATOR TO SFRVF AS HFALTH COUNSFLOR. LECTURER. ADMINISTRATOR IN HFALTH CARE ORGANIZATIONS AND CHURCH AND COMMUNITY HEALTH EDUCATION PROGRAMS. MPH & MSPH MASTFRAS DEGREES ARE THE SUPPORTIVE PROGRAMS.	TEF PROGRAM DESCRIPTION A DOCTORATE (D.4.SC.) IS OFFEREN WIT SCIENCES, NUTRITION, FNVIRONMENTAL A PREPARE A PREVENTIVE HEALTH CARE FN HFALTH CARE ORGANIZATIONS AND CHURCH DEGREES ARE THE SUPPORTIVE PROGRAMS.	S OFFERE VIRONMEN FALTH CA NS AND C	TAL AL PHURCH	VITH SPECTALITIES AND TROPICAL HEAL FOLICATOR TO SFRVE SCH AND COMMUNITY H	OFICAL PTO S	TH SPECTALITIES IN THE AND TROPICAL HEALTH AND DISCATOR TO SERVE AS HEALTH AND COMMINITY HEALTH	IN THE LTH AND AS HFAL	AREAS HEAL TH TH COL	OF H H EDU UNSFL TION	FALTH ADI	IN THE AREAS OF HFALTH ADMINISTRATION, HFALTH IN AND HEALTH EDUCATION, THE PHRPOSE IS TO AS HFALTH COUNSFLOR, LECTURER, ADMINISTRATOR HEALTH EDUCATION PROGRAMS, MPH & MSPH MASTER*	N. HEALT IS TO ISTRATOR H MASTER	2	
	DURLIC WFALTH U OF CAL GFPKFLEY, CALIFORNIA 200 10	EY, CALIFORN 200 10	11A 193	13	247	11	223	13	0	0	343	o	343	YES	C Z
	U OF CAL LOS ANGELES. CALIFORNIA	SELES. CALIF	ORNIA 129	13	175	23	140	12	158	13			644	ON	Z A
	GRIPP PRUSKAM HESCRIPTION DR.P.4. (NOCTOR OF PURLIC HEALTH). AVAILARLE IN BEHAVIORAL SCIENCES AND HEALTH FOUCATION. RIOSTATISTICS. ENVIRONMENTAL HEALTH SCIENCES. EPIDEMIOLOGY. HEALTH PLANNING AND POLICY ANALYSIS. NUTRITIONAL SCIENCES. PH.D. IN PUBLIC HEALTH. AVAILABLE IN BEHAVIORAL SCIENCES AND HEALTH EDUCATION. ENVIRONMENTAL HEALTH SCIENCES. EPIDEMIOLOGY. HEALTH PLANNING AND POLICY ANALYSIS. AND	IFF PRUBERM DESCRIPTION DR.P.4. (NOCTOR OF PURLIC HEALTH). AVAILARLE IN BFHAVIORAL SCIENCES AND HEALTH FOUCATION. RIOSTATISTICS. ENVIRONMENTAL HEALTH SCIENCES. EPINEMIOLOGY. HEALTH PLANNING AND POLICY ANALYS) NUTPITIONAL SCIENCES. PH.D. IN PUBLIC HEALTH. AVAILABLE IN BEHAVIORAL SCIENCES AND HEALTH EDUCATION. ENVIRONMENTAL HEALTH SCIENCES. EPINEMIOLOGY. HEALTH PLANNING AND POLICY ANALYSIS.	TC HEALT	EALTH PUBLI	SCIENC C HEAL	SES. E TH. A EPINE	BEHAV PIDEMI VATLAB	TORAL OLOGY LE TN Y. HE	SCIEN. HEALTI BEHATI	CES A H PLA VIORA LANNI	ND HEALTH	N BFHAVIORAL SCIENCES AND HFAITH FOUCATION. EPIDEMIOLOGY. HEALTH PLANNING AND POLICY ANAL AVATLABLE IN BEHAVIORAL SCIENCES AND HEALTH EMIOLOGY. HEALTH PLANNING AND POLICY ANALYSI	ALYSIS. TH SIS. AND	AND	
	DURLIC HEALTH UNIVERSITY OF WASHINGTON WASHINGTON	ASHINGTON. W	ASHINGTO	N C	α	-	30	-	92	-	113	5	164	CZ	Z
	BRIEF PROGRAM DESCRIPTION THE PH.D. DEGREE IS OFFERED BOTH BY THE DEPARTMENT OF EPIDEMIOLOGY AND BY THE RIOMATHEMATICS GROUP.IN ADDITION. THE DEPARTMENT OF HEALTH SFRVICES OFFERS A "DOCTORAL OPPORTUNITIES" PROGRAM WHICH NOCTORAL STUDENTS FROM VARIOUS DISCIPLINES AND SCHOOLS AT THE UNIVERSITY MAY TAKE AN AREA CONCENTRATION IN HEALTH SEPVICES RESFARCH.	IEF PROGRAM DESCRIPTION THE PH.D. DEGREE IS OFFERED BOTH BY THE DEPARTMENT OF EPIDEMIOLOGY AND BY THE RIOMATHEMATICS GROUD.IN ADDITION. THE DEPARTMENT OF HFALTH SFRVICES OFFERS A "DOCTORAL OPPORTUNITIES" PROGRAM BY WHICH NOCTORAL STUDENTS FROM VARIOUS DISCIPLINES AND SCHOOLS AT THE UNIVERSITY MAY TAKE AN AREA OF CONCENTRATION IN HEALTH SERVICES RESFADCH.	FRED BOT DEPARTME FROM VE	TH BY	THE DE HEALT DISCI	PARTH FH SFF	NENT O	F FP II	S A "DI	OGY A OCTOR THE U	ND RY THE AL OPPORT	FUNITIES P	ATTCS ROGRAM BY AN ARFA OI		

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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGIS CATEGORY: 1200 HFALTH PROFESSIONS

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		619	36	437	36	240	97	467	31	319	20	689	247	1378	<i>"</i>	
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1219	CLINICAL SCIFNCES COLORADO STATE UNIVERSITY. COLORADO	INCES	ITY.	COLORAC		!				;	•				:	
	7 1 13 13 12 2 14 0 RRIFF PROGRAM DESCRIPTION GRADUATE PROGRAMS IN MEDICINE OR SURGERY LEAD TO AMASTER OF SCIENCE OP A DOCTOR OF PHILOSOPHY DEGREE. RFSEARCH PRORLEMS ARE ORIENTED TOWARD CLINICAL OP EXPERIMENTAL INVESTIGATIONS. GRADUATFS APE	DESCRIO	PTION IN MET	DICINE	OR SU	13 IRGERY ITFD TO	LEAD	TO AMAS	STER (14 OF SCI EXPER	O ENCE IMENT	OP A DOC	13 I 12 2 14 0 SURGERY LEAD TO AMASTER OF SCIENCE OP A DOCTOR OF PHILOSOPHY ENTFD TOWARD CLINICAL OP EXPERIMENTAL INVESTIGATIONS. GRADUA	20 ILOSOPHY GRADUATI	NO S APE	Ž
	PREPARED TO TEACH IN COLLEGES OF VETERINARY MEDICINE. CONDUCT RESEARCH ENTERVETERINARY PRACTICE. SPECIALIZATIONS FOR AN ADVANCED DEGREE PROGROPTHALMOLOGY. CARDIOLOGY. NEUROLOGY. REPRODUCTION. AND ANESTHESIOLOGY.	TEACH	ACTICE TOLOGY	LLEGES E. SPEC Y. NEUR	OF VE	ATION PEPE	FOR ME	DICINE AN ADV	ANCFID ND ANE	DEGRE	FSEAP E PRO	CH. FNGA GPAM IN Y.	VETFRINARY MEDICINE. CONDUCT PFSEARCH. FNGĀGE IN COMMERCIAL IZATIONS FOR AN ANVANCFN DEGRFE PROGRAM IN MEDICINE INCLUDE GY. REPRONUCTION. AND ANESTHESIOLOGY.	MERCIAL W INCLUDE	JRK &	
	VETERINARY MED SPECIALITIES WASHINGTON ST UNIVERSITY, WASHINGTON 1 7 3	IN SPEC	TY. W	IES ASHINGT 3	70N	o	_	٨	~	œ	4	30	15	₹. 4	ON.	Z Z
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HEGIS CATEGORY: 1300 HOME ECONOMICS

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	* * * *	UTPITION CAL DAVIS, CALIFORNIA CAL DAVIS, CALIFORNIA 6 6 10 5 11 7 11 4 21 6 74 1 1 75 IFF PROGRAM DESCRIPTION FOCUS ON THE EFFECT OF DIET ON ENERGETICS AND INTFRMEDIARY METAROLISM, STUDIFS ON ENTYMATIC ADAPTION, BIOLOGICAL ANTIOXIDANTS, GFNETIC MUSCULAR DYSTROPHY, APPLICATION OF BIOMATHFMATICS TO AND RESEARCH AT THE UNIVERSITY LEVEL: ARFAS OF PUBLIC HEALTH; BOOD, AND PHARMACEUTICAL AND RESEARCH AT THE UNIVERSITY LEVEL: AFFAS OF PUBLIC HEALTH; BOOD, AND PHARMACEUTICAL AND RESEARCH AT THE UNIVERSITY LEVEL: AFFAS OF PECOMMENDATION AND GRE SCORFS.	00D SCIENCE & NUTRITION RADO STATE UNIVERSITY. COLORADO 11 2 17 1 1 50 IEF PROGRAM DESCRIPTION PROGRAMS IN FOOD SCIENCE & NUTRITION INCLUDE ADVANCED COURSES IN FOOD SCIENCE, NUTRITION. STATISTICS. RIOCHEMISTRY. PHYSIOLOGY. & ONE OR MORF OF THE FOLLOWING: ANTHROPOLOGY. CHEMISTRY. DEVELOPMENT. EDUCATION. MATHEMATICS. MICRORIOLOGY. PHYSIOLOGY. PSYCHOLOGY. OR SOCIOLOGY. FOOD SFRVICE MANAGEMENT PROGRAMS ARE ORIENTED STRONGLY TOWARD RUSINESSCOURSES.	OODS AND NUTRITION ON STATE UNIVERSITY, OPEGON LEF PROGRAM DESCRIPTION THE PROGRAM DESCRIPTION THE PROGRAM FOR THE DOCTORAL DEGREE MAY BE IN EITHER FOODS OR NUTRITION, PROGRAMS INTEGRATE OTHER DISCIPLINES RELATED TO FOODS AND NUTRITION AND APE PLANNED INDIVIDUALLY, A THESIS RASED ON OPIGINAL RESEARCH IS REQUIRED FOR BOTH THE MASTER'S AND PH.D. DEGREES, STUDENTS MAY OVERLAP RESEARCH TOPICS IN ARRAS OF THEIR OWN INTEREST OR PURSUE AS ASPECT OF AN ONGOING PROJECT IN THE DEPARTMENT, OPPORTUNITIES ARE AVAILABLE TO GAIN FXPERIENCE IN HUMAN METABOLIC STUDIES.	83
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CEILING LEVEL REACHED MANDATORY CFILING ON FNROLLMENT GRADUATE ENPOLLMENT 1977-78
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GRADUATE ENPOLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	37	TH ARFAS OF SPECIALIZATION IN RENAISSANCE, EIGHTEFNTH-CENTURY, AND AMERICAN LITEPATUPE, OTHER SELECTED FIELDS, COURSE WORK CAREER PREPARATION FOR TEACHING AND RESEARCH POSITIONS AT THE IS: MASTERS DEGREE, ACCEPTABLE GRE SCORFS.	2 6 58 17 AMEPICAN LITERATÜRE EQUIVALENT PASS PERFORMANCE, DISSERTATION	28 ×	15 13 12 24 14 9 CREATIVEWRITING, ENGLISH AND COMPARATIVE LITERATURE, ISTICS, ENGLISH PHILOLOGY, AND TEACHING OF FNGLISH.	e	O PREPARED FOR CARFERS IN
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	ENGLISH ARIZONA STATE UNIVERSITY, ARIZONA 30 4 23 RDIEF DEDGGDAM DESCRIPTION	DEF FROM AND AMERICAN LITERATURE. WITH ARFAS OF SPECIALIZATION IN RENAISSANCE, EIGHTEFNIH-CENTURY, BRITISH AND AMERICAN LITERATUPE, OTHER SELECTED FIELDS, COURSE WORK NINETEENTH-CENTURY, RECENT BRITISH AND AMERICAN LITERATUPE, OTHER SELECTED FIELDS, COURSE WORK REPOURED IN OLD AND MIDDLE FUGLISH, CAREER PREPARATION FOR TEACHING AND RESEARCH POSITIONS AT THE COLLEGE OR UNIVERSITY LEVEL, PREREGS: MASTERS DEGREE, ACCEPTABLE GRE SCORES.	ENGLISH UNIVERSITY OF ARIZONA, ARIZONA 2 13 2 16 6 12 5 RRIFF PROGRAM DESCRIPTION STUDENTS MUST PASS A QUALIFYING EXAMINATION IN ENGLISH AND FINAL FXAMINATION FOR THF MASTEP OF ARTS DEGREE WITH HIGH THE FORM OF THREE EXTENDED ESSAYS.	ENGLISH GENERAL CLARFMONT GRADUATE SCHOOL. CALIFORNIA 0 0 11 2 12 3 7 4 15 3 70 RRIEF PROGRAM DESCRIPTION DESIGNED TO PREPARE STUDENTS PRIMARILY THOUGH NOTEXCLUSIVELY FOR ACADEMIC CÂREERS PROBLEMS & METHODS OF LITEPARY SCHOLARSHIPS ANDCRITICISM.	ENGLISH GENERAL STANFORD UNIVERSITY, CALIFORNIA 20 25 15 13 12 24 14 BRIEF PROGRAM DESCRIPTION ENGLISH LITERATURE, AMERICAN LITERATURE, CREATIVEWRITING, ENGLISH AND COMPARATIVE LITERATURE ENGLISH AND HUMANITIES, ENGLISH AND LINGUISTICS, ENGLISH PHILOLOGY, AND TEACHING OF FNGLISH.	ENGLISH GENERAL U OF CAL BERKELEY,	ENGLISH GENERAL U OF CAL DAVIS. CALIFORNIA 11 11 14 5 BRIFF PROGRAM DESCRIPTION A COMPLETE PROGRAM OF STUDY IN ENGL
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PART-TIME	r	APTITUDE TEST COMPETENCE.	RENAISSA MFRICAN A	1 -1830: 18 ND TWO CO	2 39 LANGUAGE OPTIONS	S 12 COLLEGE TEACHERS TON AND THE SH LANGUAGE STUN	NGLISH GENERAL NORTHERN COLORADO. COLORADO 7 4 11 0 10 3 3 1 8 1 1FF PROGRAM DESCRIPTION THE FD.D. IS DESIGNED TO PREPARE PERSONS WHO PLAN TO TFACH AT THE COLLEGE OR UNIVERSITY LEVEL & INCLUDES FOUR AREAS: (1) A CORE OF STUDIES IN ENGLISHAND AMERICAN LITERATURE & LANGUAGE: (2) COURSES
GPADUATE ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	ď		NGLISH GENERAL CAL LOS ANGELES. CALIFORNIA 31 18 42 11 49 20 37 14 34 13 IEF PROGRAM DESCRIPTION THE DEPARTMENT OFFERS A FULL PROGRAM IN THE LITERATURE OF THE ENGLISH MENTEVAL, RENAISSANCF. JACOBFAN-CAROLINE, NEOCLASSICAL, ROMANTIC, VICTORIAN, AND MODERN PFRIODS: IN AMFRICAN AND CONTEMPORARY LITERATURE: IN THE DRAMA, THE NOVEL. AND LITERARY CRITICISM: AND IN BIRLIOGRAPHY, STRUCTURE OF MODERN ENGLISH. AND THE HISTORY OF THE LANGUAGE.	NGLISH CAL RIVERSIDE. CALIFORNIA 5 3 4 7 7 2 7 4 10 0 43 1 44 IFF PROGRAM DESCRIPTION SPECIALITIES: ENGLISH LITERATURE TO 1500-1600: 1500-1600: 1660-1780: 1780-1830-1900* AMPRICAN LITERATURE TO 1900: ENGLISH AND AMERICAN 17FPATURE 1900 TO PRESENT: AND TWO COPPELATED ASPECTS (GENRES. THEMES. OTHER PERIONS ETC.) THE AIM OF THE DOCTORAL PROGRAM IS TO ENCOURAGE	PLAN OPTIONS AT THE MA LEVEL AND THREF LANGUAGE OPTIONS AT	3 4 0 5 1 7 5 EDESIGNED TO TRAIN TWO AND FOUR-YFAR COLLEGE TEANTE THE TEACHING OF LITERATURF, COMPOSITION AND THE CENTERED IN LITERAPYCRITICISM AND ENGLISH LAMGUAGE	14 COLEGE OR UNIVERSITY LEVEL
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NAME OF PROGRAM/ INSTITUTION	U OF CAL IRVINE. CALIFORNIA	RRIEF PROGRAM DESCRIPTION FNGLISH OR AMERICAN LITH ADVANCED TEST IN LITERA	ENGLISH GENERAL 1	ENGLISH U OF CAL RIVERSIDE, CALIFORNIA S RRIFF PROGRAM DESCRIPTION SPECIALITIES: ENGLISH LITE AMFRICAN LITERATURE TO 190 ASPECTS (GENRES, THEMES, 0	ENGLISH GENERAL OF CAL SANTA RARBARA, CALTFORNIA RRIFF PROGRAM DESCRIPTION PROGRAMS ARE FLEXIBLE RUT INCL THE PH.D. LEVEL.	ENGLISH GENERAL UNIVERSITY OF THE PACIFIC. CALIFORNIA BRIEF PROGRAM DESCRIPTION PROGRAM LEADS TO THE DOCTOR OF AR FNGLISH. THE PROGRAM ATTEMPTS TO AESTHETICS OF FILM BY MEANS OF A	ENGLISH GENERAL U OF NORTHFRN COLORADO. COLO 4 BRIFF PROGRAM DESCRIPTION THE FD.D. IS DESIGNED TO INCLUDES FOUR ARFASE. (1)
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	1 8 4 43 5 TO RECOME KNOWLFNGEARLF , EFFECTIVE	PH.D. CANDIN UBS IN ENGLT SEFORE UNDERT	4	RICAN LITERATURE, ESPECIALLY AMERICAN LITERATU AT THE LEVEL OF BASIC RESEARCH COMPETENCE OR O SEARCH) LEVEL OF COMPETENCE: A WORKSHOP IN TH TEACHING COMPOSITION, SPECIAL ADMISSION REQUI PRIMARY CAREEPS: COLLEGE TEACHINGAND RESEARCH.		102 780			c	
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NAME OF PROGRAM/ INSTITUTION	WASHINGTON ST UNIVERSITY, WASHINGTON 13 2 9 14 PROGRAM DESCRIPTION 15 PROGRAM IS DESIGNED TO PREPA	TEACHERS OF L NOT RIGIOLY P & RELATED FI	U OF NM MAIN CAMPUS. NEW MEXICO 10 11 1 RRIFF PROGRAM DESCRIPTION	THE MAJOR PER REQUIREMENTS LANGUAGE AT ENGLISH COMPO FNGLISH GRE	TOTAL		COUNT	ENGLISH LITERATURE CLAREMONT GRADUATE SCHOOL, CALIFORNIA		ENGLISH LITFRATURE U OF CAL SAN DIEGO, CALIFORNIA
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GRADUATE P	rine. PR	COURSE TH CENT	16		VARIETY	129	14
1977-78 MAST DOCT	7 TTFRA	10 ENGLISH 33 18	2		1 POM A	o	~
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HEGTS CATEGORY: 1500 LETTERS

HFGTS CODF	NAME OF PROGRAM/	1973-74 MAST DOCT	19 MAS	0	DEGREES CONFERRED 1975-76 1974-1 MAST DOCT MAST DO	CONFE	20	*	1977-78 MAST DOCT		GRADUATE EN FULL-TIME	GRADUATE FNROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	VROLLMENT 1	977-78 TOTAL	MANI CF IL FNPC	MANDATORY CFILING ON FNROLLMENT	CETLING LEVFL REACHFD
1503	COMPARATIVE LITERATURE UNIVERSITY OF WASHINGTON. WASHINGTON RRIFE PROGRAM DESCRIPTION THE COMPARATIVE LITERATURE PROGRESS AND SLAVIC. TYPICAL AREAS OF INDUIRY MANIFESTED IN DIFFERENT LINGUIS GENERAL PRINCIPLES OF LITERARY TO	ERSITY OF WASHINGTON. WASHINGTON FRESTY OF WASHINGTON. WASHINGTON FROM PARTICLE COMPARATIVE LITERATURE PROGRAM IS CONDUCTED BY AN INTERDISCIPLINARY GROUP WITH FACULTY DRAW FROM PARTICLE ATTIVE LITERATURE PROGRAM IS CONDUCTED BY AN INTERDISCIPLINARY GROUP WITH FACULTY DRAW FROM PARTICLE ATTIVE LITERATURE ASIAN, CLASSICS, FNGLISH, GFPMAN, NEAR FASTERN, ROMANCE, SCANDINAVIAN SLAVIC. TYPICAL AREAS OF INDUITY INCLUDE LITERARY PERIODS & TRADITIONS, MAJOR GENRES & FORMS AS MANIFESTED IN DIFFERENT LINGUISTIC & CULTURAL ENVIRONMENTS, PATTERNS OF INFLUENCE & RECEPTION & GENERAL PRINCIPLES OF LITERARY THEORY & CRITICISM.	ASHINGT TURE PRO- IRTMENTS OF INOUT IT LINGU	ON S GRAM TS * ASIAN, RY INCLU ISTIC & THEOPY	9 CONDU COLASS COE LI CULTU	9 3 10 CONDUCTED BY CLASSICS, FNGI DE LITERARY F CULTURAL ENVI	10 BY AN NGLISH Y PERI NVIRON	2 INTER GOS & IMFNTS.	9 NOISCI TRADI	PLINAR PLINAR TIONS	40 FERNOR MAJOR	AN INTERDISCIPLINARY GROUP WITH FACULTY DRAWN SHOFFPMAN, NEAR EASTERN, ROMANCE, SCANDINAVIAN & RIODS & TRADITIONS, MAJOR GENRES & FORMS AS RONMENTS, PATTERNS OF INFIUENCE & RECEPTION & T	FACUL SCANDI R FOR RECEP	49 TY DRAW MAVIAN MA AS	Z w H	0 2	Z A
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CLASSICS UNIVERSITY OF WASHINGTON. WASHINGTON	BATEF PROGRAM DESCRIPTION	THE PH.D. REGUIRES BOTH GREEK & LATIN. COURSES ARE OFFERED IN ALL THE MAJOR WRITERS & PERIODS OF LITERATURE, PHILOSOPHY & HISTORY, IN CLASSICAL ART & ARCHAFOLOGY & IN GREEK & LATIN LINGUISTICS.	ADMISSION TO THE PH.D. PROGRAM MAY RE GRANTED AFTER COMPLETION OF 27 CREDITS OF GRADUATE STUDY. THE PEADING KNOWLEDGE REQUIREMENT IN ONE MODERN FOREIGN LANGUAGE & AN EXAMINATION IN ROTH GREEK & LATIN.

CLASSICS CLASSICS UNIVERSITY OF COLORADO. COLORADO 3 1 5 2 0 4 0 2 2 BRIEF PROGRAM DESCRIPTION CHRICH AR EMPHASES OR SUBSPECIALTIES: GPFEK. LATIN. APCHFOLOGY & HISTORY. CLASSICAL & ANCIENT CIVILITATION. FMPHASIS ON GREFK & LATIN LANGUAGES & LITEPATURES OR CLASSICAL ARCHAFOLOGY & HISTORY. PRIMARY CAREFRS: COLLEGE & UNIVERSITY TEACHING/PESTAPCH: FIELD ARCHAFOLOGY: SECONDARY SCHOOL TEACHING.		0					
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HEGIS CATEGORY: 1500 LETTERS HEGIS NAME OF PROGRAM/ 1	LINGUISTICS UNIVERSITY OF ARIZONA, ARIZONA 10 0 BRIFF PROGRAM DESCRIPTION WORK IS AVAILABLE IN ROTH	LINGUISTICS STANFORD UNIVERSITY, CALIFORNIA 9 5 1 8 RIFF PROGRAM DESCRIPTION THFORY OF GRAMMAR, PHOENTIC SOCIOLINGUISTICS, DEVELOPME LINGUISTIC METHODS, AND LA	LINGUISTICS U OF CAL BERKELEY, CALIFORWIA 22 7	LINGUISTICS U OF CAL LOS ANGELES. CALIFORNIA B	U OF CAL SAN DIEGO. CALIFORNIA 6 6 6 8 BRIEF PROGRAM DESCRIPTION THE PROGRAM STRESSES MODERS STUDENTS CAN CONCENTRATE OF FIELDS.BUT EACH REQUIRES G CUPRENTLY BEING ANALYZED. MANDAPIN. CANTONESE. UTO-A	LINGUISTICS U OF SOUTHERN CALIFORNIA, CALIFORNIA A A T A T
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NAME OF PROGRAM/ INSTITUTION	LINGUISTICS U OF HAWAII AT MANDA, HAWAII 17 5 10 5 17 4 12 2 15 6 39 50 89 RRIFF PROGRAM DESCRIPTION DFSCRIPTIVE AND COMPARATIVE LINGUISTICS, GENFRAL LINGUISTIC THEORY, LANGUAGE CONTACT AND VARIATION ETHNOLINGUISTICS, PSYCHOLINGUISTICS! LANGUAGES OFTHE PACIFIC, PAPTS OF ASTA AND THE AMERICAS, GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH AND IN GOVERNMENTAL AND OTH	LINGUISTICS UNIVERSITY OF UTAM. LITAH 0 RRIEF PROGRAM DESCRIPTION ENGLISH LINGUISTICS. SP	LINGUISTICS UNIVERSITY OF WASHINGTON, WASHINGTON A 2 3 3 BRIFF PROGRAM DESCRIPTION THE DEPARTMENT OFFERS IN ADDITION 1 COURSE WORK IN VARIOUS COOPERATING SPECIALIZATION AND WORK OUT WITH TH	COURSES SUPPORTING HIS REQUIRED WORK. LINGUISTICS UNIVERSITY OF COLORADO. COLORADO 3 0 8 1 BRIEF PROGRAM DESCRIPTION CUPRICULAR EMPHASES OR SUBSPECTALTIFS: AFRICAM. AMFRINDIAN. CHINESF. CLASSICAL. GERMANIC.
HEGIS CODE	1505			

1505 TOTAL

JAPANESE, ROMANCE & SLAVIC LINGUISTICS: HISTORY OF LINGUISTICS: MATHEMATICAL LINGUISTICS; PHONFTIC SCIENCES: &PSYCHOLINGUISTICS. SPECIAL ADMISSIONS REQUIPEMENTS: M.A. IN LINGUISTICS. OR EQUIVALENT. PRIMARY CAPEERS: COLLEGE & UNIVERSITY TEACHING/RESEARCH.

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	SPECH COMMUNICATION UNIVERSITY OF ARIZONA, ARIZONA 1 7 0 1 0 1 BRIFF PROGRAM DESCRIPTION DOCTORAL CONCENTRATIONS ARE AVAILABLE IN ORAL INTERPRETAT ADDRESS, COMMUNICATION THEORY, AND PHONETICS-LINGUISTICS.	RHTORIC AND PUBLIC ADDRESS U OF CAL BFRKFLEV. CALIFORNIA 9	SPEECH COMMUNICATION U OF SOUTHERN CALIFORNIA A 10 2 12 8 13 6 8 1 5 RRIEF PROGRAM DESCRIPTION COMMUNICATION THEORY: LANGUAGE REHAVIOR: INTERPRETIVE COMMUNICATION: RHETORIC AND PURLIC ANDRESS. PREFERENTIALS: GRE APTITUDE: AM IN SPEECH.	SPEECH COMMUNICATION UNIVERSITY OF DENVER. COLORADO UNIVERSITY OF DENVER. COLORADO 13 6 11 20 6 14 9 14 9 BRIFF PROGRAM DESCRIPTION PROGRAM EMPHASES: APEAS OF CONCENTRATION INCLUDF INTERPERSONAL & GROUP COMMUNICATION. COMM. THEORY, RETORIC & DUBLIC ADDRESS. LANGUAGE REHAVIOR & DEV. & SPFECH. GRADS ARE PREPARED FOR IN RUS. & IND. GOV'I & SOCI SERVICES. HEALTH-PELATED PROFESSIONS, FOLIC, MEDIA & PERFORMING IN RUS. & IND. PREPER FOR ADM.: AN M.A. IN SPEECH OP/PELATED ARFA: GPF ADTITUDE SCORES.	SPEECH OF OREGON MAIN CAMPUS, OREGON 14 11 17 4 9 10 8 RRIEF PROGRAM DESCRIPTION ARFAS OF CONCENTRATION INCLUDE RHETOPIC AND COMMUNI STUDIES, ALL PROGRAMS ARE INDIVIDUALLY DESIGNED TO CONCENTRATION ARFA, PREPROUISITES: MA, APPROPRIATE CAPACITY, GRADS PREPARED FOR CAREERS AS PROFESSORS	SPEECH JULIVERSITY OF WASHINGTON. WASHINGTON 11 10 9 6 8 10 3 2 3 24 17 41 BRIEF PROGRAM DESCRIPTION COURSE WORK & SEMINARS IN THE VAPIOUS APEAS WITHIN THE FIELD: SPEECH SCIFNCE: SPEECH APTHOLOGY: AUDIOLOGY: SPEECH COMMUNICATION SCIFNCE: RHETORIC & PUBLIC ADDRESS: OPAL INTERPRETATION OF LITERATURE: AND SPEECH PEDAGOGY. FOR THE PH.D. DEGREE 3 WAJOR AREAS OF CONCENTRATION ARE AVAILABLE (WITH DIFFERENT SPECIALIZATIONS WITHIN EACH): RHETORIC & PUBLIC ADDRESS: SPEECH SCIFNCE: AND SPEECH PATHOLOGY OR AUDIOLOGY.
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	UNIVERSITY OF ARIZONA, ARIZONA ON 1 5 0 4 4 3 0 5 1 23 7 30 RRIEF PROGRAM DESCRIPTION IN ADDITION TO TRADITIONAL AREAS OF PHILOSOPHY, CONCENTRATIONS IN PHILOSOPHY OF SCIENCE AND PHILOSOPHY OF LAW ARE AVAILABLE, PROGRAMS ARE COORDINATED ABOUT A CORF OF COURSES INCLUDING LAGIC, EPISTEMOLOGY, METAPHYSICS, AND ETHICS.	Ç .	A / Z
	PHILOSOPHY CLAREMONT GRADUJATE SCHOOL. CALIFORNTA 5 2 0 5 2 6 4 1 10 1 15 37 52 RRIFF PROGRAM DESCRIPTION DESIGNED TO PROVIDE STUDENTS WITH A SOLID FOUNDATION IN THE CLASSICAL. MODERN AND CONTEMPORARY PERIODS OF WESTERN PHILOSOPHY.	ÖV	A A
	PHILOSOPHY STANFORD UNIVERSITY. CALIFORNIA 4 14 5 5 7 10 8 4 6 7 RRIEF PROGRAM DESCRIPTION LOGIC AND FORMAL THFORIES OF LANGUAGF; EPISTEMOLOGY AND THF PHILOSOPHY OF SCIENCE; METAPHYSICS. THFPHILOSOPHY OF MIND. AND THE PHILOSOPHY OF LANGUAGE; ETHICS. VALUF THEORY, AND POLITICAL PHILOSOPHYIAND HISTORY OF PHILOSOPHY.	C Z	Z
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***** EARNED DEGREES CONFERRED **** 1973-74 1974-75 1975-76 1976-77 1977-78 GRADHATE ENROLLMFNT 1977-78 MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PAPT-TIME TOTAL	N CAMPUS. NFW MEXICO 7 4 6 5 3 8 4 9 2 M DESCRIPTION NALYSIS. APPLIED MATHEMATICS. COMPUTER SCIENCE. CONSTRUCTIVE MATHEMATICS. FOUNDATIONS. MATHEMATICAL PHYSICS. MATHEMATICS EDUCATION. NIMBER THFORY. NUMERICAL ANALYSIS. Y.STATISTICS. TOPOLOGY. CAPEERS-MATHEMATICIANS. HIGHER EDUCATION FACULTY.	NIVERSITY. OPFGON 3 R 4 4 7 7 4 4 5 4 3R 1 39 M DESCRIPTION DS ARE ANALYSIS. ALGERRA, GEOMETRY, AND APPLIED MATHEMATICS.	IN CAMPUS. ORFGON 20 3 15 8 17 1 13 4 21 5 57 6 63 M DESCRIPTION IS STUDENTS ARE ACCEPTED IN THE SUBFIFLDS OF ALGEBRA, ANALYSIS, APPLIED MATHEMATICS. AND DIFFERENTIAL GEOMETRY, NUMBER THEORY, NUMFRICAL ANALYSIS, PROBABILITY, STATISTICS, AND PH.D. STUDENTS BECOME QUALIFIED AS COLLEGE OR UNIVERSITY MATHEMATICS OR STATISTICIAN IN THE PH.D. ALSO QUALIFIES A RECIPIENT AS A PROFESSIONAL MATHEMATICIAN OR STATISTICIAN IN INDUSTRY.	3 0 9 6 4 10 R 6 3 ION EOMFTRY, ANALYSIS, DIFFERENTIAL EQUATIONS, NUMERICAL ANALYSIS, PROBABILITY AND	WASHINGTON. WASHINGTON 15 13 13 9 17 8 14 3 19 4 78 12 90 M DESCRIPTION M DESCRIPTION MENT HAS A LABGE NUMBER OF ACTIVE RESEARCH MATHEMATICIANS WORKING IN THE FIELDS OF POLOGY. PEAL & COMPLEX ANALYSIS. FUNCTIONAL ANALYSIS. CONVEXITY. DIFFERENTIAL POLOGY. PEAL & COMPLEX ANALYSIS. FUNCTIONAL ANALYSIS. CONVEXITY. DIFFERENTIAL OF THE PRASIC PROUTDFMENTS FOR THE PH.D. ARF A READING OF TWO FOREIGN LANGUAGES (SFLECTFO FROM FRENCH, GERMAN OR RUSSIAN), THE PASSING OF 3 NS IN THE FIFLDS OF ALGERPA, REAL ANALYSIS & DIFFERENTIAL ANALYSIS; & THE WRITING OF A & ORIGINAL DOCTORAL DISSERTATION.
NAME OF PROGRAM/ INSTITUTION	MATHEMATICS NM STATE U MAI RRIEF PROGRA ALGEBRA. A GEOMETRY. PROBABILIT	MATHEMATICS OREGON STATE UI BRIFF PROGRAI MAJOR FIELI	MATHEMATICS U OF OREGON MA BRIEF PROGRA PH.D. THES ALGEBRAIC TOPOLOGY. TEACHERS. BUSINESS O	MATHEMATICS UNIVERSITY OF UTAH, UTAH 13 RRIEF PROGRAM DESCRIPT ALGEBRA, ALGEBRAIG G STATISTICS, TOPOLOGY	MATHEMATICS UNIVERSITY OF RRIFF PROGRA THE DFDART ALGERRA.TO GFOMFTRY.L KNOWLEDGE EXAMINATIO SCHOLARLY
HEGTS CODE	1701				

HEGIS CATEGORY: 1700 MATHEMATICS			
**** EADNE 1973-74 1974-75 MAST DOCT MAST DOCT	**** EARNED DFGREFS CONFERPED **** 1974-75 1975-74 1976-77 1977-78 SPADUATF ENPOLLMFNT 1977-78 T MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	MANDATORY 78 CETLING ON AL FNROLLMENT	CETLING N LEVEL T REACHFD
MATHEMATICS MASHINGTON ST UNIVERSITY. WASHINGTON 15 6 9 3 RRIFF PROGRAM DESCRIPTION WRITTEN EXAMINATIONS IN THF "COPF", PEAD MATHEMATICAL LITERATURF IN TWO ORAL PPELIMINARY EXAMINATION; COMPLICORRECTNESS IS AT LEAST GOOD ENOUGH EXAMINATION ARE REQUIRED.	3 11 3 9 2 6 1 34 2 F" APFAS OF REAL ANALYSIS, ALGFARA & COMPLEY VARIABLES, ABIL TWO OF THE FOREIGN LANGUAGES FRENCH, GERMAN & PUSSIAN; PASS MPLETION OF A DOCTORAL THESIS WHICH IN ORIGINALITY, IMPORTAN UGH TO APPEAR IN A RESEARCH JOURNAL; & PASSING A FINAL ORAL	36 NO TTY TO THE AN	Z Z
MATHFMATICS UNIVERSITY OF WYOMING. WYOMING 1 4 BRIFF PROGRAM DESCRIPTION ALGEBRA, ANALYSIS. APPLIFD PROBABILITY, THEORY OF NUM LANGUAGF. DEMONSTRATED SU CONSIDERED AS PREPARATORY	S 2 4 2 4 1 4 2 MATHEMATICS, GEOMETRY FOSTC AND FOUNDATIONS, NUMERICAL METHODS, RERS, TOPOLOGY WINDR, PREREOS; MATHEMATICAL READING KNOWLEDGE OF PERIOR ARILITY IN STRONG UNDERGRADUATEPROGRAM, 21 UPPER DIVISION TO GRADUATE STUDY,	22 NO 1 WORK APF	A N
MATHEMATICS UNIVERSITY OF COLORADO, COLORADO 13 7 11 BRIEF PROGRAM DESCRIPTION CURRICULAP EMPHASES OR SUBSPIFOUNDATIONS, DIFFERENTIAL GFORDATIONS, NUMBER THEORY, MACCAREERS: TFACHING & RESFARCH	5 12 6 13 9 10 7 ECIALTIFS: ALGEBRA, TOPOLOGY, REAL ANALYSTS & COMPLEX VARIABLES OMETRY, PROBARILITY & STATISTICS, NUMERICAL ANALYSIS, DIFFEREN THEMATICAL PHYSICS, GFOMFTRY & TOPOLOGY, FUNCTIONAL ANALYSIS, P. & DEVELOPMENT.	105 NO LOGIC & TIAL RIMARY	N/A
MATHEMATICS OF NM MAIN CAMPUS, NFW MEXICO S RRIFF PROGRAM DESCRIPTION PURE MATHEMATICS (ALGFRPA, HARMONIC ANALYSIS), APPLIFD DIFFERENTIAL EQUATIONS), A PROCESSES, RFLIABILITY, SAM	COMBINATOPICS. COMPLEXANALYSTS. FUNCTIONAL ANALYSIS. GRAPH THFORY MATHEMATICS (COMPUTING. NUMEPICAL ANALYSIS. OPDINARY AND PARTIAL ND APPLIED STATISTICS, DATA ANALYSIS. MARKOV PLE SURVEYS. TIME SERIES). CAPER: ACADEMIA. INDUSTRIAL APPLICAT	38 NO	4 2
LABURATORY SET	SCIENTIFIC LABORATORY SFTTING. BRIVATE CONSULTING. GOVERNMENT SCIENTIFIC WORK.		

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306 150

334 178

435 162

TOTAL

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HEGIS CATEGORY: 1700 MATHEMATICS

CETLING LEVEL REACHFD	A A	Ç	4 × 2		Z Z	d 2	
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GRADUATE FNROLLMENT 1977-79 FIILL-TIMF PART-TIME TOTAL	P	0	-	POPULATION GENFTICS, BIOLOGICAL CONTROL, HYDROLOGY, LEARNING OR SCALES AND MEASUREMENTS, PROPER RACKGROUND TEACHING PRACTICE WILL RE ROUIRFD, THE PH.D. GRADUATE:ONSULTATION.	5 4 1 8 1 33 DISSERTATIONS INCLUDE ADVANCED METHODOLOGY. STOCHASTIC & DESIGN OF EXPERIMENTS.	ON STATE UNIVERSITY. ORFGON ON STATE UNIVERSITY. ORFGON LEF PROGRAM DESCRIPTION RESFARCH PROGRAMS COVEP WORK IN MATHEMATICAL STATISTICS. APPLIED STATISTICS. RIOMETRY. AND RESFARCH PROGRAMS COVEP WORK IN MATHEMATICAL STATISTICS. RIOMERS OF FIFLDS. OPERATIONS RESEARCH. STUDENTS MAY CONCENTRATE ON THEORY OR ON APPLICATIONS TO A NUMBER OF FIFLDS. INCLUDING RIOLOGY. ENGINEFRING. ECONOMICS. AGRICULTUPE. FORESTRY. FIC. STATISTICAL CONSULTING IS ALSO A PART OF THE PROGRAM. ENABLING THE STUDENT TO GAIN A DEFPER APPRECTATION OF THE NEED. POWER AND APPLICABILITY OF STATISTICAL TOOLS THROUGH EXPOSURE TO REAL PROBLEMS.	σc
ADUATE FNE		~ «	34	AL CONTROL	MFTHODOLC	34 STICS BIC TIONS TO A STATISTION WS.	150
	4	0	c	PIOLOGICA 4D MEASURE 1LL RE ROI	1 ADVANCED SS.	4 IED STATT APPLICA STRY. FTC.	σ
* 2	7 7	et 0	0 0	ENFTICS. SCALES AN	1 8 INCLUDE XPFRIMENT	1 10 CS. APPLI FY OR ON SAIN A DE	17 45
INFERRED * 1976-77 MAST DOCT	54	25	c	POPULATION GENETIC LEARNING OR SCALES TEACHING PRACTICE CONSULTATION.	5 4 1 B DISSERTATIONS INCLUDE AD & DESIGN OF EXPERIMENTS.	STATISTIC STATISTIC GRICULTUI DENT TO	65
DEGREFS CONFERRED 1975-76 1976-7 MAST DOCT MAST DO	32 13	23 9	0	OGY. POPI IN IN LEAF TAL. TEAC		14 4 FWATICAL NNCENTRATE NNOMICS - 16 THE STU	76 31
EARNED 174-75	A 4 29 4 LLETIN.	8 12	٥	TION ECOL PRIMINATION IS ESSENT PESEARCH	PADO 1 6 1 FOR DOCTO	DN 4 10 4 DRK IN MATH ENTS MAY CO EFRING. ECO AM. ENABLIN	53 23
ž	STICS UNIVERSITY. CALIFORNIA 26 6 29 4 PROGRAM DESCRIPTION STANFORD UNIVERSITY BULLETIN.	1FORNTA B	LIFORNIA	PTION DE POPULA OGY, DISC ATISTICS EACHING,	ITY. COLO 2 PTION RESEARCH MENSIONAL	Y. ORFGON DTION COVEP WOR STUDEN FENGINEE E PROGRAM OF STATIS	61
1973-74 MAST DOCT	EPSITY. C 26 AM DESCRI	ELEY. CAL	ATISTICS RSIDE CA	AM DESCRI IFS INCLU DGY, GEOL CS AND ST IFD FOR T	E UNIVERS TAM DESCRI	UNIVERSIT AM DESCRI PROGRAMS R RFSEARC RIOLOGY PT OF TH	n 3
NAME OF PROGRAM/ INSTITUTION	STATISTICS STANFORD (INIVERSITY. CALIFORNIA 76 6 7 8 RIEF PROGRAM DESCRIPTION SEF STANFORD UNIVERSITY BUL	STATISTICS U OF CAL BFRKELEY. CALIFORNIA 19 8	APPLIED STATISTICS U OF CAL RIVERSINE, CALIFORNIA	RRIFF PROGRAM DESCRIPTION SPECIALITIES INCLUDE POPULATION ECOLOGY, EPIDEMIOLOGY, GEOLOGY, DISCRIMINATION IN MATHEMATICS AND STATISTICS IS ESSENTIAL. BE QUALIFIED FOR TEACHING, PESEARCH AND C	STATISTICS COLORADO STATE UNIVERSITY. COLORADO 7 2 6 1 7 RRIFF PROGRAM DESCRIPTION POSSIRI E AREAS OF RESEARCH FOR DOCTORAL PROCESSES. MULTIDIMENSIONAL STATISTICS.	STATISTICS OREGON STATE UNIVERSITY. OREGON 4 14 4 7 1 10 4 34 BRIEF PROGRAM DESCRIPTION RESEARCH PROGRAMS COVEP WORK IN MATHEMATICAL STATISTICS. APPLIED STATISTIC OPERATIONS RESEARCH. STUDENTS MAY CONCENTRATE ON THEORY OR ON APPLICATION INCLUDING RIOLOGY. ENGINEFRING. ECONOMICS. AGRICULTUPE. FORESTRY. FITC. S ALSO A PART OF THE PROGRAM. ENABLING THE STUDENT TO GAIN A DEFPER APPRECAND AND APPLICABILITY OF STATISTICAL TOOLS THROUGH EXPOSURE TO REAL PROBLEMS.	TOTAL
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NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	1974-75 T MAST DOCT	1975-76 MAST DOCT	76 00CT !	016865 CONFERED # 1975-77 MAST DOCT MAST DOCT	¢ •	1977-78 MAST DOCT	GPAC	UATE E	GPADUATE ENPOLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	1977-78 IE TOTAL	CFILING ON ENPORT	CETLING LEVEL REACHFD
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APPLIED MATHEMATICS CAL INST OF TECHNOLOGY, CALIFORNIA 0 4 3 3 2 2 0 3 2 7 19 0 RRIEF PROGRAM DESCRIPTION ORGANIZED JOINTLY BY THE DIVISION OF PHYSICS, WATHFWATICS AND ASTRONOMY AND THE DIVISION OF PHYSICS, WATHFWATICS AND ASTRONOMY AND THE DIVISION OF PHYSICS, WATHFWATICS, WATHFWATICS, PHYSICS, OR ENGINEERING WHO WISH TO ORTAIN A THOROUGH TRAINING AND TO DEVELOW RESEARCH ABILITY IN APPLIED MATHEMATICS, STUDENTS WILL RE ADMITTED TO ONE OF THE TWO DIVISION ACCORDING TO BACKGROUND AND INTERESTS.	MATICS INOLOGY. CAL ADESCRIPTION INTLY RY TH AND APPLIED PHYSICS. 0 I ITY IN APP	TFORNIA 3 3 3 6 F DIVISION O CCTFNCE. PR R ENGINEERIN LIED MATHEMA AND INTERE	2 DF PHYS SOGRAM VG WHO ATICS.	2 STUDEN	PHYSICS. WATHEWATICS AND ASTRONOWY AND RAM IS AIMED AT THOSE STUDENTS WITH A WHO WISH TO ORTAIN A THOROUGH TRAINING CS. STUDENTS WILL RE ADMITTED TO ONE OF S.	3 LICS AN HOSE N A TH RF AD	Z 7 D ASTRI STUDEN OROUGH	ONOMY TR WIT TRATA	19 AND TH TH A BA NING AN	AND ASTRONOMY AND THE DIVISION OF STUDENTS WITH A RACKGROUND IN THOROUGH TRAINING AND TO DEVELOP THE ADMITTED TO ONE OF THE TWO DIVISIONS	2 0 3 2 7 19 0 19 19 19 19 10 19 10 2 15 10 2 10 2 2 2 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3	O _X	4 \ Z
APPLIFD MATHEMATICS U OF CAL BFRKFLEY, CALIFORNIA 0 0	MATICS Y. CALIFORN	TA 0 1	c	_		en en	c		12	0	12	YES	Ş
MATHEMATICS COLOPADO SCHOOL OF MINES. COLOPADO R 1 S 0 0 RRIEF PROGRAM DESCRIPTION APPLIED MATHEMATICS FOR MINERAL INDUSTRY SEISMICDATA INTERPRETATION & DIRECTIONAL	OF MINES, C R 1 DESCRIPTION FMATICS FOR INTERPRETAT	OLORADO 5 0 ' MINERAL IN	0 DUSTRY TIONAL	0 APPLIC	0 1 0 APPLICATIONS. RFSEA OPTLLING: MSC &GRE	DESEA RGRE	2 0 IRCH IN SO APTITUDF.	SOLVI	6 NG PRO	0 I 0 Z 0 6 APPLICATIONS, PFSEARCH IN SOLVING PROBLEMS SUCH OPILLING: MSC &GRE APTITUDF.	E S S	YES	C Z
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HEGIS CATEGORY: 1700 MATHEMATICS

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HEGIS CODE	HEGIS NAME OF PROGRAM/ CODE INSTITUTION	1973-74 MAST DOCT		1974-77 MAST DOCT	1977-78 MAST DOCT	GRADUATE E FULL-TIME	NROLLMFNT PART-TIME	1977-78 TOTAL	1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 CFTLING ON LEVEL MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FUROLLMENT REACHED	LEVEL REACHFD
1703	APPLIED MATHEMATICS UNIVERSITY OF COLORADO, COLORADO	EMATICS OLORADO, COL	COLORADO						:	

CURRICULAR EMPHASES OR SUBSPECTALTIFS: ALGEBRA, TOPOLOGY, REAL ANALYSTS & COMPLEX VARIABLES, LOGIC & FOUNDATIONS, DIFFERENTIAL GEOMETRY, PROBABILITY & STATISTICS, NUMERICAL ANALYSTS, DIFFERENTIAL EQUATIONS, NUMBER THEORY, MATHEMATICAL PHYSICS, GFOMFTRY & TOPOLOGY, FUNCTIONAL ANALYSTS, PRIMARY CAPEERS: TFACHING & RESEARCH & DEVELOPMENT. BRIFF PROGRAM DESCRIPTION

N/N

TOTAL COUNT

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COUNT

CATEGORY TOTAL

	CEILING LEVFL REACHFD	4 \ 2		N N		A / X		Ø Z	4 2
	MANDATORY CFILING ON ENROLLMENT	C	*	ON		9	α	O N	O Z
HEGIS CATEGORY: 1900 PHYSICAL SCIENCES	**** EARNED DEGREFS CONFERRED **** HFGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	1902 PHYSICS GENERAL U OF ALASKA FAIRHANKS, ALASKA DOMES DESCRIPTION	RAILE PROGRAM DESCRIPTIONS OF THE GEOPHYSICAL INSTITUTE WHICH CONDUCTS INVESTIGATIONS OF STUDY CONNECTED WITH ACTIVITIES OF THE GEOPHYSICS. AURORAL AND IONOSPHERIC PHYSICS, GEOMAGNETISM AND FARTHCHPENTS, RADIO WAVE PROPAGATION, AND SCATTERING, SOLAR-TERRESTRIAL RELATIONS, POLAR METFOROLOGY AND GLACIOLOGY, AND SOLID EARTH PHYSICS, AND LABORATORY STUDIES OF ATOMIC AND MOLECULAR PROCESSES, CAREER PREP: RESEARCHERS IN PHYSICS AND GEOPHYSICS, COLLEGE OR UNIVERSITY TEACHERS.	PHYSICS ARIZONA STATE UNIVERSITY. ARIZONA 8 5 1 5 2 3 10 2 6 5 16 10 26	BRIEF PROGRAM DESCRIPTION STUDIES IN ATOMIC AND MOLECULAR PHYSICS, SOLID STATE AND MANY-BODY PHYSICS, NUCLEAR AND PARTICLE STUDIES IN ATOMIC AND MOLECULAR PHYSICS, STUDIES IN ATOMIC AND MOLECULAR PHYSICS. PHYSICS, ASTRONOMY AND ASTROPHYSICS, RESEARCH IN ASTRONOMY, HIGH ENFRGY-PARTICLF PHYSICS. EXPERIMENTAL SOLID-STATE PHYSICS, THEORFTICAL PHYSICS, CAREFR PREPARATION FOR RESEARCH IN INDUSTRIAL, GOVERNMENT, OR ACADFMIC INSTITUTIONS AND FOR TEACHING AT THE UNIVERSITY OR COLLEGE LEVEL, PREFEGS: UNDERGRADUATE MAJOR OR EQUIVALENT IN PHYSICS,UNDFRGRADUATE GOURSF WORK IN MATHEMATICS, ACCEPTABLE GRE SCORES.	DANYSICS UNIVERSITY OF ARIZONA. ARIZONA 7 9 2 2 8 5 6 7 53 11 64	CHEMICAL PHYSICS, OPTICS, AND ASTROPHYSICS CH GRADUATE STUDENTO HELP PLAN A PROGRAM F SENTIAL PART OF GRADUATE TRAINING IN PHYSICOUNT DECTOED ON AN INDIVIDUAL PASIS RY THE	PHYSICS GENERAL CAL INST OF TECHNOLOGY. CALTFORNIA 10 15 11 10 6 9 7 13 10 13 119 0 1119 BRIFF PROGRAM DESCRIPTION THIS PROGRAM SEEKS TO PREPARE STUDENTS FOR CAREERS IN SCIENTIFIC PESFARCH, OR PESFARCH COMBINED WITH TEACHING. AND INDEPENDENT RESEARCH IS AN ESSENTIAL PART OF THE GRADUATE PROGRAM.	STANFORD UNIVERSITY. CALIFORNIA STANFORD UNIVERSITY. CALIFORNIA S 22 10 24 18 23 10 9 6 18 BRIEF PROGRAM DESCRIPTION ASTROPHYSICS. THEORETICAL PHYSICS, LOW TEMPERATURE PHYSICS, MOLECULAR PHYSICS, NUCLEAR PHYSICS. INTERMEDIATE ENERGY PHYSICS, HIGH ENERGY PHYSICS, COHERENT OPTICAL PANTATION. AND SOLID STATE PHYSICS.
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CETLING LEVEL REACHFD	C	2	Ø Z	Z A	8 2	4 2
MANDATORY CFILING ON FNROLLMENT	YES	c z	O _N	0 <u>v</u>	C Z	0 :
1977-7A TOTAL	446	50 NUCLEAR OPHYSICS. SICS. ATE INDUSTRY SCORES.	65 LEAST ONE AND ATOMIC	168 R PHYSTCS.	53 PHYSICS. ON CLOSE PH.D.	107 FORCES AND FRUCTUPES.
GPADIJATE ENPOLIMENT 1977-7A FILL-TIME PART-TIME TOTAL	0			33 19 37 16 STUDENTS IN THE FOLLOWING FTELDS: NUCLEAR ACOUSTICS. LOW TEMPERATURE PHYSICS. SOLID		HYSICS GENFRAL CAL SAN DIEGO. CALIFORNIA 19 9 7 19 17 13 12 12 9 18 107 19 9 7 19 17 19 107 IEF PROGRAM DESCRIPTION THE DEPARTMENT OF PHYSICS INCLUDES THE ARFAS OF ELFMENTARY PARTICLES. THEORY OF NUCLEAR FORCES AND STRUCTURE. QUANTUM LIQUIDS AND SUPFRCONDUCTIVITY. SOLID STATE PHYSICS. PLASMA PHYSICS AND STRUCTURES. MAGNETOHYDRONAMICS. ASTROPHYSICS. AND SPACE PHYSICS. ATOMIC AND FLECTRD SCATTERING AND STRUCTURES. BIOPHYSICS. APPLICANTS MUST HAVE A SOUND KNOWLEDGE OF UNDERGRADUATE MFCHANICS. FIFCTRICITY AND MAGNETISM. ATOMIC, AND QUANTUM AND NUCLEAR PHYSICS AND THFOMAL DYNAMICS.
GRADIJATE EI FILL-TIME	7 2 2	CONDUCTED IN AREAS OF TICAL MECHANICS AND BI LE PHYSICS. ATOMIC PHY HING ANDRESEARCH. PRIV	5 9 7 62 3 PHYSICS ADMISSION REQUIDEMENTS: AT	LOWING FTE	5 4 2 53 FLFMFNTARY PARTICIF PHYSICS. LASFRICS AND SPACF PHYSICS. FMPHASIS IS ARE AVAILABLE FOR STUDENTS PUPSITING	107 S. THFORY CS. PLASMA CTPO SCATT F HNDEPGBA AND THFPM
1977-7P	0	3 4 CH IS COND STATISTICA PARTICLE P N TEACHING	9 7 S. ADMISSI	37 16 IN THE FOL	4 2 MTARY PART ND SPACF P	9 18 FATE PHYSI IC AND FLE NOWLEDGE O
77 0CT		T 4 3 AL RESEABCH IS DARTICLES, STATIS CARFERS IN TEAC THREE LETTERS	A STE PHYSICS.		5 5 4 5 4 7 53 NG. BIOPHYSICS. FLFMFNTARY PARTICIF PHYSICS. LASFR SOLID STATE PHYSICS AND SPACF PHYSICS. FMPHASIS IS	12 12 ELFMENTARY Y* SOLID S' SICS, ATOM A SOUND KP
DEGREES CONFERRED 1975-76 1976- MAST DOCT MAST D	31 32	4 3 THEORETICAL LEMENTARY PA UCTED IN ELE L PHYSICS. C PREREO.: T	HYSICS GENERAL CAL IRVINE, CALIFORNIA 11 3 7 4 20 12 9 IFF PROGRAM DESCRIPTION PARTICLE PHYSICS, PLASMA PHYSICS, AND SOLID STATE YEAR OF ADVANCED MATHEMATICS, CLASSICAL AND MODERN PHYSICS, LABORATORY WORK; GRE APTITUDE TEST.	HYSICS GENFRAL CAL LOS ANGFLES, CALIFORNIA 28 11 32 9 31, 6 THE PROGRAM DESCRIPTION SPECIAL EMPHASIS IS GIVEN TO THE PREPARATION OF ELEMENTARY PARTICLES, PLASMA, PHYSICS, PHYSICS, SPECTROSCOPY AND MATHEMATICAL PHYSICS.	5 5 4 ° IG. BIOPHYSICS. FLF	F ARFAS OF ONDUCTIVITY SPACE PHY
0	30	HYSICS GENERAL CAL DAVIS, CALIFORNIA 1EF PROGRAM DESCRIPTION EXPERIMENTAL AND THEORFTICAL PHYSICS, STRUCTURE, QUANTUM ELECTRODYNAMICS, FI ACTIVE EXPERIMENTAL PROGRAMS ARE CONDIASTROPHYSICS, MEDICALAND ENVIRONMENTAL STATE AND FEDERAL GOVERNMENT AGENCIFS,	HYSICS GENERAL CAL IRVINE. CALIFORNIA 11 3 7 4 20 12 IFF PROGRAM DESCRIPTION PARTICLE PHYSICS, AND SOLID YEAR OF ADVANCED MATHEMATICS. CLASSICAL AND YEAR OF ADVANCED MATHEMATICS. CLASSICAL AND PHYSICS. LABORATORY WORK: GRE APTITUDE TEST.	HYSICS GENFRAL CAL LOS ANGFLES, CALIFORNIA 28 1) 32 9 3 IFF PROGRAM DESCRIPTION SPECIAL EMPHASIS IS GIVEN TO THE PRFPA ELEMENTARY PARTICLES, PLASMA, PHYSICS, PHYSICS, SPECTROSCOPY AND MATHEMATICAL	CAL FORNIA CAL FORNIA CAL TVFRSIDE, CALIFORNIA 1EF PROGRAM DESCRIPTION RESFARCH AREAS ARE: ATOMIC SCATTERING, MANY-RODY PHYSICS, PLASMA PHYSICS, SOLI STUDENT FACULTY RELATIONS, RESEARCH ASS	7 19 NCLUDES THE AND SUPFROM YSICS, AND APPLICANTS ATOMIC, AN
*****	JEORNTA 35 25	RNIA PTION HEORFIICAL ELFCTRODY CALAND ENY GOVERNMEN	ORNIA 3 PIION PLASMA PHY ATHEMATICS Y WORK: GF	CALIFORNIA 11 32 PTION S GIVEN TO ES. PLASMA	LIFORNIA 10 11 PTION STOMIC SC PLASMA PHY	CS GENERAL SAN DIEGO. CALIFORNIA 19 9 7 19 PROGRAM DESCRIPTION DEPARTMENT OF PHYSICS INCLUDES OCTURE. QUANTUM LIQUIDS AND SUPP RETOHYDRONAMICS. ASTROPHYSICS. HYSICS.AND GEOPHYSICS. APPLICA!
	NERAL FLEY. CALT	NEPAL S. CALIFOL TAL AND TITAL AND TITAL MEDITAL TICS. MEDIT	NERAL NE. CALIFO 11 AM DESCRI PHYSICS. DVANCED M.	NFRAL ANGFLES. AM DESCRI	RSIDE + CAL AM DESCRII AREAS ARE PHYSICS +	NFFAL 19 19 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10
NAME OF PROGRAM/ INSTITUTION	PHYSICS GENERAL U OF CAL BERKELEY. CALIFORNIA 15 35	PHYSICS GENERAL OF CAL DAVIS, CALIFORNIA 7 2 4 5 BRIEF PROGRAM DESCRIPTION EXPERIMENTAL AND THEORFTICAL PHYSICS STRUCTURE, QUANTUM ELECTRODYNAMICS, ACTIVE EXPERIMENTAL PROGRAMS ARE CON- ASTROPHYSICS, MEDICALAND ENVIRONMENT STATE AND FEDERAL GOVERNMENT AGENCTR	PHYSICS GENERAL OF CAL IRVINE, CALIFORNIA 11 3 7 4 RRIFF PROGRAM DESCRIPTION PARTICLE PHYSICS, PLASMA PHYSICS, YEAR OF ADVANCED MATHEMATICS, CLAS PHYSICS, LABORATORY WORK; GRE APTI	PHYSICS GENFRAL OF CAL LOS ANGFLFS, CALIFORNIA 28 11 32 RRIFF PROGRAM DESCRIPTION SPECIAL EMPHASIS IS GIVEN TO ELEMENTARY PARTICLES, PLASMA PHYSICS, SPECTROSCOPY AND MA	PHYSICS OF CAL RIVERSIDE. CALIFORNIA 7 10 11 5 RRIEF PROGRAM DESCRIPTION RESEARCH AREAS ARE: ATOMIC SCATTERIN MANY-BODY PHYSICS. PLASMA PHYSICS. STUDENT FACULTY RELATIONS. RESEARCH RESEARCH.	PHYSICS GFNFRAL 19 19 9 RRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF PHYSICS I STRUCTURE, QUANTUM LIQUIDS MAGNETOHYDRONAMICS, ASTROPH RIOPHYSICS, AND GEOPHYSICS, FIFCTRICITY AND MAGNETISM,
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HYSICS GENERAL STATE UNIVERSITY. UTAH 1 6 2 3 4 2 1 15 IEF PROGRAW DESCRIPTION SUBFIELDS THOOSPHEPIC AND SPACE PHYSICS, NUICLEAR PHYSICS, SUPFACE PHYSICS, FUNDAMENTAL INTERACTIONS, AND FIELD THEORY. REFEARCH FACILITIES INCLUDE A SUPFACE PHYSICS LABORATORY. A SM NUCLEAR PHYSICS LABORATORY. A HIGH PESOLUTION ELECTRON FNERGY SPECTROMETER (ESCA), SPACE SCIF LABORATORY, FUNDAMENTAL INTERACTIONS LABORATORY, A RUMPONIGHS 6700 AND A FACULANCE.	
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GRADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	HEMISTRY GENERAL DIEGO STATE U. CALIFORNIA 12 4 13 2 11 4 10 2 15 0 24 49 73 IFF PROGRAM DESCRIPTION THE PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA. SAN DIEGO AND SAN DIFGO STATE UNIVERSITY AND REQUIRES CONCURRENT ADMISSION AND ATTENDANCE AT ROTH CAMPISE. THE COOPERATING FACULTIES POSSES COMPLEMENTARY SPECIALITIES THAT ENABLE THE STUDENT TO GAIN FAMILIARITY WITH MOST AREAS OF CHEMISTRY AND TO FIND RESEARCH ACTIVITY AND DIRECTION IN A GREAT VARIETY OF SPECIFIC PROBLEMS.	. CHEMISTRY.	o	HEMISTRY GENERAL CAL DAVIS. CALIFORNIA CAL DAVIS. CALIFORNIA T 17 8 13 3 8 4 6 2 11 97 0 97 IFF PROGRAM DESCRIPTION INORGANIC. OPGANIC. AND PHYSICAL CHEMISTRY(THERMODYNAMICS. QUANTUM. KINETICS). INTERDISCIPLINARY INORGANIC. OPGANIC. AND PHYSICAL CHEMISTRY(THERMODYNAMICS. QUANTUM. KINETICS). INTERDISCIPLINARY INORGANIC. OPGANIC. AND PHYSICAL CHEMISTRY(THERMODYNAMICS. QUANTUM. KINETICS). INTERDISCIPLINARY FRACHING AND RESFARCH AT THE STATE COLLEGE AND UNIVERSITY LEVEL. GRANS KNOWLFOGE OF GERMAN OP GOVERNMENT AGENCIES. PREREQ.: PLACEMEND FRAMINATIONS, 3.1 GPA. READING KNOWLFOGE OF GERMAN OP RUSSIAN. THREE LETTERS OF PECOMMENDATION. GRE SCORFS RECOMMENDED.	HEMISTRY GENFRAL CAL IRVINE, CALIFORNIA 7 4 6 13 6 5 3 69 1 70 IEF PROGRAW DESCRIPTION STRUCTURAL CHEMISTRY, CHEMICAL DYNAMICS AND REACTION MECHANISMS, SYNTHESIS, THEORETICAL CHEMISTRY, RIOLOGICAL AND RIOPHYSICAL CHEMISTRY, NUCLFAR CHEMISTRY, ADMISSION RIOLOGICAL AND RIOPHYSICAL CHEMISTRY, ANALYTICAL CHEMISTRY, NUCLFAR CHEMISTRY, ADMISSION REDUITFUDE	HEMISTRY GENERAL CAL LOS ANGELES. CALIFORNIA 162 162 163 164 17 13 21 165 167 17 18 21 47 19 67 17 18 21 47 19 19 19 10 11 10 11 11 11 12 13 13 14 15 162 162 162 163 163 163 163 163
GRADUATE E	DIEGO A CAMPILSE T. TO GAL	23 RIOPHYSICAL	306	KINETIC PADS ARE ING KNOW	69 NTHFSIS, CHFMICT	RFAS OF HOD ARLY ARILITI
** 1977-78 MAST DOCT	15 0 NIA SAN AT BOTH	3 23 AND RIO	0	2 11 GUANTUM. LARLE. G EVEL. PR PA. RFAD MENDED.	5 3 ISMS. SY NUCLFAR L.AND IN	13 21 ENERAL A S. AND P OUND AND
*** 77 0CT	CALTFOR TENDANCE NARLE TH	17 EMISTRY.	L 4	6 NAMICS. LSO AVAT SS 3.1 G FS RECOM	6 N MECHAN EMISTRY• PHYSICA	17 IN THE G THE M DEVELO
DEGREES CONFERRED *: 1975-77 1975-76 1976-77 1976-	4 10 RSITY OF N AND AT S THAT E	9 6 STCAL CH	50 18	8 4 THERMODY CS ARE A AND UNIV MINATION GRE SCOR	6 13 RFACTIO TICAL CH ORGANIC.	53 5 E STUDY EADING TO PAM IS TO TH HIS/HF
DEGREES CI 1975-76 MAST DOCT	11 HF UNIVE ADMISSIO CIALITIF	2 19 SYHQ • YOTE	26 55	3 EMISTRY (ND PHYSI COLLEGE MENT FXA	4 MTCS AND Y• ANALY	6RADUATE TSTRY LE TF PROGR
*** EARNED 1974-75 MAST DOCT	ISTRY GENERAL 30 STATE U. CALIFORNIA 12 4 13 2 11 4 10 2 15 0 24 PROGRAM DESCRIPTION PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA. SAN DIEGO AND PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA. SAN DIEGO AND PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY AND REQUIRES CONCURPENT ADMISSION AND ATTENDANCE AT BOTH CAMPUSES. JLTTES DOSSESS COMPLEMENTARY SPECIALITIES THAT ENABLE THE STUDENT TO GAIN FAS OF CHEMISTRY AND TO FIND RESEARCH ACTIVITY AND DIRECTION IN A GREAT VAR 3LEMS.	A P 22 IC CHEMIS	16 56	8 13 YSICAL CH CIENCES CH HE STATE PECOMMEN	6 7 ICAL DYNA CHEMISTR	STRY GENERAL LOS ANGELES. CALIFORNIA 4 19 6 21 PROGRAM DESCRIPTION DEPARTMENT OF CHEMISTRY OFFERS FAR. ORGANIC, AND PHYSICAL CHEN CHEMISTRY. THE AIM OF THE GRADUA STUDENT AS RAPIOLY AS IS CONSIS
	IFORNIA 4 PTION FRED JOI UIRES CO	ALIFORNI 27 PTION INOPGAN		PNIA 17 17 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	ORNIA B PTION RY, CHEM PHYSICAL RGRADUATI	CALIFORN 19 PIION CHEMISTR AND PHYS AIM OF TI
1973-74 MAST DOCT	E US CAL 12 M DESCRI M TS OFF AND REA POSSESS HEMISTRY	ENFRAL RSITY. C M DESCRI	ENFRAL LEY. CAL	FNFRAL CALIFO DOSCPI TH BIOL ND RESFA AGENCIE	FNFRAL F, CALIF M DESCRI CHEMIST AND RIO TS: UNDE	FNFRAL NGFLES. A DESCRI MENT OF RGANIC. TAS RAP
NAME OF PROGRAM/ INSTITUTION	CHEMISTRY GENERAL SAN DIEGO STATE U. CALIFORNIA 12 4 RRIFF PROGRAM DESCRIPTION THE PROGRAM IS OFFERED JO UNIVERSITY AND REQUIRES C FACULTIES POSSESS COMPLEM ARFAS OF CHEMISTRY AND TO PROBLEMS.	CHEMISTRY GENFRAL STANFORD UNIVERSITY. CALIFORNIA 5 27 2 2 19 6 17 3 FRIFF PROGRAM DESCRIPTION ORGANIC CHEMISTRY. INORGANIC CHEMISTRY. PHYSICAL CHEMISTRY. AND	CHEMISTRY GENFRAL U OF CAL BFRKELEY. CALIFORNIA 9 50	CHEMISTRY GENERAL U OF CAL DAVIS. CALIFORNIA 1	CHEMISTRY GENFRAL U OF CAL IRVINE, CALIFORNIA 7 8 RRIEF PROGRAM DESCRIPTION STRUCTURAL CHEMISTRY, CI RIOLOGICAL AND RIOPHYSI REOUIRFMENTS: UNDERGRADI	CHEMISTRY GENERAL U OF CAL LOS ANGELES. CALIFORNIA 4 19 6 RRIFF PROGRAM DESCRIPTION THE OFDARTMENT OF CHEMISTRY NUCLEAR. ORGANIC. AND PHYSIC RIOCHFMISTRY. THE AIM OF THE THE STUDENT AS RAPIOLY AS IS
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CETLING LEVEL REACHED	₩ . Z	۷ ۲	N N	۷ ۲	۵ ۲	N/A
MANDATORY CFILING ON ENROLLMENT	9	NO	Ç Z	C Z	O Z	o Ž
1977-78 TOTAL	44 FIELDS OF PHYSICAL		A6 FAST ONE	57 STUDENT TO FIRST YEAR. FARS.	109 INORGANIC•	11
JROLLMENT 1	THE	3 FMICAL PHY	I V AND AT L		APTITUDE:	'n
GPADUATE ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	R 7 11 4 5 2 44 CHEMICAL PHYSICS. AND OPGANOMFTALLIC CHEMISTRY. OR'S DEGREF ARF ANALYTICAL, INORGANIC. ORGANIC.	15 170 .3 173 RIOCHEMISTRY, CHEMICAL PHYSICS. RECORD EXAMINATION IS REQUIRED AS	14 11 14 15 0 0 AS 1 A6 TO BE TAKEN IN THE FIFLD OF SPECTALIZAȚION AND AT LEAST ONE THE FIELD: OTHER NORMAL GRADUATE SCHOOL REQUIREMENTS.	S 9 ST HUMAN MANNER, ATDING THE STUDE EVEL IS EMPHASIZED IN THE FIRST EMPHASIZED IN SURSEQUENT YEARS.		æ
-	2 NOMFTALL1		14 11 14 15 0 0 TO BE TAKEN IN THE FIFLD OF SPECT	9 UMAN MANN EL IS FMF PHASIZFO	9 PEOUIST 2 OF	,
***** 1977-78	S ORGAN	15 39 TNCLUDING GRADUATE	0 FTFLD PMAL GI	ENERGE ST	S Y PREF S ANY	E
77	S. ANT	15 TNCL	15 THE ER NOR	TABNOE OF	C & PHYSICAL CHEMISTRY. IN PHYSICAL CHEMISTRY & FEMISTRY & FEMISTR	1
NFERPED 1976-77 MAST DOC	11 HYSIC	STRY. STRY. TCS.	14 NI NI N	PCH TE AN AN	AL CHE	m
DEGREFS CONFERPED 1975-76 1976- MAST DOCT MAST D	7 CAL P	18 CHEMI FEMIST	11 IE TAK FIELD	3 RESEA PR AT	6 HYSICA IYSICA CS) 1	0
DEGREFS CI 1975-76 MAST DOCT	CHEMI COR'S	16 DDFRN VIC CH		3 JPSUE SSF WO	C R P IN PH	0
**** EARNED 1974-75 T MAST DOCT	IA 9 B CHFMISTRY• OR THE DOC	TA 15 18 TELDS OF WC C AND ORGAN	FOPNIA 6 13 NT: COUPSE	NIA 1 6 AL IS TO PU HOLAR. COUF	LIFORNIA S 9 C. TNORGANJ ANCE EXAMS	AL TFORNTA
### 1973-74 MAST DOCT	CHEMISTRY 10 7 9 8 RRIFE PROGRAM DESCRIPTION RESEARCH IN RIOPHYSICAL CHFMISTRY. SPECIALIZATION OFFERED FOR THE DOCT	CHEMISTRY GENERAL 11 15 15 18 16 18 22 15 39 RRIFF PROGRAM DESCRIPTION CHEMISTRY INCLUDES ALL FIELDS OF WODFRN CHEMISTRY, INCLUDING COSMOCHEMISTRY, INORGANIC AND ORGANIC CHEMISTRY, THE GRADUATE AS A SOUND BACKGROUND IN SCIENCF AND MATHEMATICS.	CHEMISTRY GENERAL U OF CAL SANTA RARBARA. CALIFORNIA 15 19 6 13 RRIEF PROGRAM DESCRIPTION NO FORMAL UNIT REQUIREMENT: COURSES COURSE IN EACH OF TWO AREAS OUTSIDE	CHFMISTRY GENFRAL U OF CAL SANTA CRUZ. CALIFORNIA 4 7 1 6 3 3 2 6 5 9 57 RRIEF PROGRAM DESCRIPTION THE PROGRAM.S PRIMARY GOAL IS TO PURSUE RESEARCH IN A WARM, HUMAN MANNER, ATDING THE RECOME AN INDEPENDENT SCHOLAR, COURSE WORK AT AN ADVANCED LEVEL IS FMPHASIZED IN THE WITH PESEARCH. REINFORCED RY MANY COLLOQUIA AND SFMINARS. EMPHASIZED IN SURSEQUENT	CHEMISTRY GENERAL OF SOUTHFRN CALIFORNIA, CALIFORNIA R 10 S 6 2 12 5 BRIFF PROGRAM DESCRIPTION CHEMICAL PHYSICS: ORGANIC, INORGANIC & PHYSICAL CHFMISTRY, PR UNDERGRADUATE LEVEL ENTRANCE EXAMS IN PHYSICAL CHFMISTRY & AN ANALYTICAL CHEMISTRY; PHYSICS: MATHEMATICS); AB IN CHEMISTRY.	CHFMISTRY GENERAL UNIVERSITY OF THE PACIFIC. CALIFORNIA 4 1 3 4
	TRY STVERSIDE SOGRAM DE SCH IN RI ALIZATION	CHEMISTRY GENERAL F CAL SAN DIEGO. IRLE PROGRAM DESC CHEMISTRY INCLUD COSMOCHEMISTRY. AS A SOUND BACKG	CHEMISTRY GENERAL F CAL SANTA BARBA 1 RIEF PROGRAM DESC NO FORMAL UNIT R COURSE IN EACH O	CHEMISTRY GENERAL F CAL SANTA CPUZ. RIEF PROGRAM PESCI THE PROGRAM: 9 PR BECOME AN INDEPEI WITH PESEARCH. RI	CHEMISTRY GENERAL F SOUTHERN CALIFO RIFF PROGRAM DESC CHEMICAL PHYSICS UNDERGRADUATE LE ANALYTICAL CHEMI	CHFMISTRY GENERAL VERSITY OF THE PA
ME OF PROGR	CHEMISTRY F CAL RIVER RIEF PROGRAI RESEARCH II SPECIALIZA CHEMISTRY.	CAL CAL CAL CAL CAL CAEMIC	HFMIS CAL STEE PROPERTY OF COURSE	CAL STEE PE	HEMIST SOUTH TEF PE CHEMIC UNDERCANAL YI	HFM1S'
NAME OF PROGRAM/ INSTITUTION	U AR	= OF AR	U OF	U OF AR	U OF SHE	VINO
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CETLING LEVEL REACHED	d	8	V	Z Z	8	A / 2
MANDATORY CFILING ON FNPOLLMENT	CZ NC	NO VF	NO TA	O _X	C Z	Ç Z
**** EARNED DEGREES CONFERRED **** 15 NAME OF PROGRAM/ 1973-74 1974-75 1975-74 1977-78 GPADUATE FNROLIMENT 1977-78 16 INSTITUTION MAST DOCT MAST	CHFMISTRY GENERAL U OF NORTHERN COLORADO, COLORADO 3 0 1 0 0 0 1 RRIFF PROGRAM DESCRIPTION THE D.A. PROGRAM PREPARES VERSATILF AND WFLL-INFORMED TFACHERS OF CHFMISTRY, FMPHASIS IS PLACED THE TRAINING OF FFFECTIVE TEACHERS. A STUDENT SUCCESSFULLY COMPLETING THIS PROGRAM WILL RF WELL QUALIFIED TO TEACH CHEMISTRY AT THE JUNIOR OR SENIOR COLLEGE LEVEL.	CHEMISTRY GENFRAL COLORADO STATE UNIVERSITY. COLORADO 6	CHEMISTRY UNIVERSITY OF DENVER, COLORADO 2 0 2 1 1 0 2 0 5 1 BRIFF PROGRAM DESCRIPTION AN ORIGINAL RESEARCH PROJECT COMPOSES THE MAJOR PART OF THE PROGRAM, HOWEVER, COURSES OF INTEREST MAY BE TAKEN, GRADS ARE PREPARED FOR CAREERS IN MEDICINE, LIFF SCIENCES, FARTH SCIENCES, TEACHING IN CHEMISTRY OR SCIENCE, OCFANOGRAPHY OR EMPLOYMENT IN THE CHEMICAL, PETROLFUM, OR DRUG INDUSTRIFS AS SCIENTISTS OR MANAGERS, PREPEGS FOR ADMISSIONS: INCLUDE SCORES FROM THE APTITUDE & ADVANCED CHEMISTRYTESTS OF THE GRE.	CHEMISTRY U OF HAWAIT AT MANOA, HAWAIT S 5 10 3 3 5 8 9 2 9 15 47 62 RRIFF PROGRAM DESCRIPTION MARINE AND NATURAL PRODUCTS, SURFACE CHEMISTRY, ENVIRONMENTAL ANALYSES, CHEMISTRY OF VISION, MOLFCULAR SPECTROSCOPY, ANALYSIS OF VOLCANIC PRODUCTS, GDADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TFACHING AND RESEARCH, PRFREQS: B.S. IN CHEMISTRY OR FOULVALENT.	CHEMISTRY GENERAL UNIVERSITY OF TOAHO. TOAHO 4 5 7 5 1 7 5 3 5 4 23 6 29 RRIEF PROGRAM DESCRIPTION CONCENTRATIONS FOR THE PH.D. DEGREE ARE PERMITTED IN INORGANIC. ORGANIC. PHYSICAL CHEMISTRY. AND RIOCHEMISTRY.Y.	CHEMISTRY GENERAL 3 7 5 6 6 4 1 2 2 1 RRIEF PROGRAW DESCRIPTION SPECIALIZED FQUIPMENT IS AVAILABLE FOR RESEARCH IN INFRARED SPECTROSCODY, WASS SPECTROSCOPY, CHROMATOGRAPHY, LIGHT SCATTERING OF COLLOIDAL SYSTEMS, CROP UTILIZATION, ENJYME STUDIES INCLUDE ULTRACENTRIFUGAL AND AMINO ACID ANALYSIS OF FNZYME SYSTEMS, INTERMEDIARY METAROLISM OF MICROPREANISMS & PLANTS, PROTEIN CHARACTERIZATION AND SYNTHESIS, RADIOACTIVE TRACERS, NATURAL PRODUCTS, NMR SPECTROSCOPY, AND VOLTAMETRIC TECHNIQUES.
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CEILING LEVEL REACHED	N N	Z A	2	A X	Z A
MANDATORY CFILING ON FNROLLMENT	OZ V	C	O Z	NO THE	C Z
	13 AL MISTRY• N THERF IS • RESEAPCH		39 DMISSIONS PROGRAM).	8	64 D RRING THEM MISTRY. OR ISFACTORY
GPADUATE ENPOLLMENT 1977-78 FHLL-TIMF PART-TIME TOTAL	6 TRY. SPFCI CAL BIOCHE IN ADDITION EDUCATION		SEARCH/LAB OGRAMS. AD MASTFRS P.	10 89 UCLEAR AND RADIATION A RESEARCH THESIS. FOR IS REQUIRED (USUALLY	4 TICESHIP TO RGANIC CHEI EMIC LIFE*
GPADUATE E FILL-TIME	7 CAL CHEMIS C OF PHYSIC HEMISTRY. IN HIGHER		SPECIAL ZEESEMINAR DR. THROUGH	79 STRY. NUCL FOUTRE A RI	60 TAL APPPENT EMISTRY OF N FOR ACADI
** 1977-78 MAST DOCT	4 0 IC & PHYSI INTHE APEA & WATFR C MPLOYMENT	c	5 1 HEMISTRY. OQUIA AND FE AND WO	4 9 ANIC CHEMISTE DEGREES REGI	EXPERIMEN LUDE BIOCH PREPARATIO SITES:8.A.
*** 77 0CT	NIC. OPGAN AVAILABLF ANALYSIS	c	2 2 6 7 5 1 SICAL AND ANALYTICAL CHEMISTRY. SPECIAL/PESEARCH/LAR/FIFLD PARTICIPATION IN COLLOQUIA AND SEMINAR PROGRAMS. ADMISSIONS JALENT (RACHFLORS DEGREE AND WORK THROUGH MASTERS PROGRAM).	7 13 4 10 AL CHEMISTRY, INORGATION OF THE MISTRY ALT	3 12 4 19 2 10 60 4 64 ORMAL COURSE WORK AND EXPERIMENTAL APPRENTICESHIP TO BRING IGATORS, SUB-AREAS INCLUDE BIOCHFMISTRY, ORGANIC CHEMISTRY, ARORATORIES, PREPERISIES:8.A. OR 8.S. DEGREE, SATISFACTO
DEGREFS CONFERRED 1975-76 1976- MAST DOCT MAST D	1 0 RY• INORGA ITATION IS Y• THERMAL MISTRY LAB	0	CAL AND AN ARTICIPATI	7 13 CAL CHEMIS SICAL CHEM	3 12 PMAL COURS ATORS, SUB L CHEMISTR (RORATORIES)
**** FARNED DF 1974-75 T MAST DOCT MA	RIOCHEMIST BIOCHEMIST INSTRUMEN SPECTROSCOP WOOD CHE IS REQUIRE	c	3 BTOLOC TION• FOUIN	10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	1 14 3 14 3 14 11 INVESTIG
##### 1973-74 19 MAST DOCT MAS	MONTANA 2	ADA 0	IS. NEW MEX 3 PIPTION C. INORGANI COPAL DISSE FERS DEGREE FAD. GPA-3.	TY, OREGON SIPTION THE FIFLDS IC CHEMISTE DEGREF, PEA	US. OREGON 11 11 1DED A PRC INDEPENDEN FMISTRY. A
	CHEMISTRY GENERAL 3 2 2 1 1 0 2 1 4 0 7 6 3 2 2 2 1 1 3 0 2 1 4 0 7 6 BRIEF PROGRAM DESCRIPTION AREAS OF CONCENTRATION ARE RIOCHEMISTRY, INORGANIC, ORGANIC & PHYSICAL CHEMISTRY, SPECIAL AREAS OF CONCENTRATION ARE RIOCHEMISTRY, INORGANIC, ORGANIC & PHYSICAL BIOCHEMISTRY, FACILITIES: HIGHLY ADVANCED INSTRUMENTATION IS AVAILABLE INTHE AREAS OF PHYSICAL BIOCHEMISTRY, STEROID HORMONE ANALYSIS, SPECTROSCOPY, THERMAL ANALYSIS & WATER CHEMISTRY, IN ADDITION THERE IS WELL-EQUIPPED & PROGRESSIVE WOOD CHEMISTRY LABORATORY, FMPLOYMENT IN HIGHER EDUCATION, RESEARCH, GOVERNMENT & INDUSTRY, GRE IS REQUIRED.	CHFMISTRY GENFRAL OF NEVADA RENO. NEVADA	CHEMISTRY GENERAL STATE U MAIN CAMPUS, NEW MEXICO PHYSICAL, ORGANIC, INORGANIC, BIOLOGICAL AND ANALYTICAL CHEMISTRY, SPECIAL/RESEARCH/LAR/FIFLD PHYSICAL, ORGANIC, INORGANIC, BIOLOGICAL AND ANALYTICAL CHEMISTRY, SPECIAL/RESEARCH/LAR/FIFLD REQUIREMENTS-MASTERS DEGREE OR FOULVALENT (PACHFLORS DEGREE AND WORK THROUGH MASTERS PROGRAM), GRAD, GPA-3,3,UGRAD, GPA-3,3,UGRAD, GPA-3,3,UGRAD, GPA-3,3,UGRAD, GPA-3,3,UGRAD, GPA-3,3,UGRAD, GPA-3,3,UGRAD, GPA-3,0,0UALIFYING EXAM, GRE APTITUDE, CARFERS-CHEMISTS, HIGHER EDUCATION FACULTY,	CHEMISTRY GENERAL OREGON STATE UNIVERSITY, OREGON 6 9 10 4 9 79 10 89 RRIFF PROGRAM DESCRIPTION WORK OFFERED IN THE FIFLDS OF ANALYTICAL CHEMISTRY, INORGANIC CHEMISTRY, NUCLEAR AND RADIATION CHEMISTRY, ORGANIC CHEMISTRY, AND PHYSICAL CHEMISTRY, ALL DEGREES REQUIRED (USUALLY CERMANN THESES OF ORGANIC CHEMISTRY, ORGANIC CHEMISTRY, AND PHYSICAL CHEMISTRY, ORGANIC CHEMISTRY, AND PHYSICAL CHEMISTRY, AND PHYSICAL CHEMISTRY, AND PHYSICAL CHEMISTRY, ORGANIC CHEMISTRY, AND PHYSICAL CHE	CHEMISTRY GENFRAL OF OREGON MAIN CAMPUS, OREGON 10 11 3 14 3 12 4 19 2 10 60 4 66 RRIFF PROGRAM DESCRIPTION STUDENTS ARE PROVIDED A PROGRAM OF FORMAL COURSE WORK AND EXPERIMENTAL APPRINTICESHIP TO BRING T TO THE STATUS OF INDEPENDENT INVESTIGATORS, SUB-AREAS INCLUDE RIOCHFMISTRY, ORGANIC CHEMISTRY, ORGANIC CHEMISTRY, ORGANIC LIFE, OR INDUSTRIAL AND GOVERNMENT PESEARCH LARGRATORIES, PREPERION FOR ACADEMIC LIFE, OR INDUSTRIAL AND GOVERNMENT AND GRE SCORES,
NAME OF PROGRAM/ INSTITUTION	CHEMISTRY GENERAL UNIVERSITY OF MONTANA 3 2 8 2 8 RRIEF PROGRAM DESCRIPTION AREAS OF CONCENTRATION ARE FACILITIES: HIGHLY ADVANCE STEROID HORMONE ANALYSIS. WELL-EQUIPPED & PROGRESSI GOVERNMENT & INDUSTRY. GRE	CHEMISTE	CHEMISTRY NM STATE U M RRIEF PROG PHYSICAL REGUIREM GRAD. GP FACULTY.	CHEMISTR OREGON STATON PRIFF PRO CHEMIST	CHEMISTE U OF OREGON RRIEF PRO STUDENJ TO THF ORGANON INDUSTE LETTFRO
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CFILING LEVFL REACHFD	4 2	A / N	Z A	N N	a Z
MANDATORY CFILING ON ENPOLLMENT	O Z	C Z	CON	NO LTS	Ç .
***** EARNED DEGREFS CONFERRED ***** NAME OF PROGRAM/ 1973-74 1974-75 1975-74 1976-77 1977-78 GDADUATE FNROLLMFNT 1977-78 INSTITUTION MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	CHEMISTRY GENERAL RRIGHAM YOUNG U MAIN CAM, UTAH S 3 7 7 2 5 8 3 5 RRIGHAM YOUNG U MAIN CAM, UTAH S 3 7 7 2 5 8 3 5 RRIEF PROGRAW DESCRIPTION PREFECULSITES. BACCALAUREATE DEGREF IN CHEMISTRY OR THE FQUIVALENT. PROFICIENCY IN FRENCH. GERWAN, OR RUSSIAN: IN MATHEMATICS BEYOND CALCULUS: OP IN COMPUTER SCIENCE, FIELDS. ANALYTICAL CHEMISTRY. ROCHEMISTRY: INORGANIC CHEMISTRY: ORGANIC CHEMISTRY: PHYSICAL CHEMISTRY: ANDREANIS PERMISSIRLF. ANY APPROVED COURSES PLUS A DISSERTATION (IR HP. MIN799R).	CHEMISTRY GENERAL UNIVERSITY OF UTAH, UTAH 5 13 3 10 6 6 1 12 10 11 RRIEF PROGRAM DESCRIPTION THORGANIC, OPGANIC, PHYSICAL—ANALYTICAL, AND PHYSICAL CHEMISTRY, A PROGRAM IN CHEMICAL PHYSICS IS OFFERED IN COOPERATION WITH THE DEPARTMENT OF PHYSICS.	CHEMISTRY GENERAL OTAH STATE UNIVERSITY. UTAH 2 3 3 3 3 3 17 BRIEF PROGRAM DESCRIPTION STUDY OF FUNDAMENTALS OF THEORY AT AN ADVANCED LEVEL IN ALL FIFLDS OF CHFMISTRY. LABORATORY STUDY OF FUNDAMENTALS OF THFORY AT AN ADVANCED LEVEL IN ALL FIFLDS OF CHFMISTRY. LABORATORY EXPERIMENTAL RESEARCH ON AN ORIGINAL PROBLEM INVOLVING THE LATEST TECHNIOUES AND INSTRUMENTATION. CAPEER PREPARATION IN RESEARCH FOR ACADEMIC, INDUSTRIAL OR GOVERNMENT LARORATORIES AT AN ADVANCED LEVEL, PREPARATION IN RESEARCH FOR ACADEMICY INDUSTRIAL OR GOVERNMENT LARORATORIES AT AN ADVANCED LEVEL, DEPERGOS: BS OR BA IN CHEMISTRY WITH ADFQUATE BACKGROUND IN MATH, PHYSICS, ACCEPTABLE GPA AND	CHEMISTRY GENERAL UNIVERSITY OF WASHINGTON, WASHINGTON 7 10 11 16 14 16 9 18 9 13 110 9 119 BRIFF PROGRAM DESCRIPTION SUCCESSFUL CANDIDATES OF THE PH.D. PROGRAM WILL BF QUALIFIED FOR POSITIONS OF LFADERSHIP & SUCCESSFUL CANDIDATES OF THE PH.D. PROGRAM WILL BF QUALIFIED FOR POSITIONS OF LFADERSHIP & SUCCESSFUL CANDIDATES OF THE PRESEARCH INSTITUTES, INDIFFERMENT AGENCIES & FOR TEACHING.PESTARCH OR ADMINISTRATION WITH COLLEGES & UNIVERSITIFS, QUALIFYING EXAMINATIONS DESIGNED TO ASSESS UNDERSTANDING OF MATERIAL NORMALLY CONTAINED IN UNDERGRAM IN ANTERIAL STHE RESULTS ARE GIVEN TO ENTFRING GRAN STUDENTS & THE RESULTS ARE USED TO PLAN GRAD COURSE PROGS.	CHEMISTRY GENERAL WASHINGTON ST UNIVERSITY, WASHINGTON 3 4 5 9 3 3 6 5 1 5 39 4 43 BRIFF PROGRAM DESCRIPTION AREAS OF CHEMISTRY INCLUDING PHYSICAL, OPGANIC, INDRGANIC, ANALYTICAL & NUCLEAR CHEMISTRY, RIOCHEMISTRY & ADEQUATE RIOCHEMISTRY & ADEQUATE UNDERGRADUATE TRAINING IN SUBJECTS RECOMMENDED BY THE COMMITTEE ON PROFESSIONAL TRAINING OF THE AMERICAN CHEMICAL SOCIETY, IN ADDITION, THE UNDERGRADUATE CURRICULUM SHOULD INCLUDE COURSES IN PHYSICS, MATHEMATICS THROUGH CALCULUS & AT LEAST ONE YEAR OF STUDY OF A MODERN FOREIGN LANGUAGE.
HEGTS CODE	1905				

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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES ***** EARNED DEGREES CONFERRED ***** HEGIS NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE FNROLLMENT 1977-79 CODE INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT PULL-TIME TOTAL	1905 CHFMISTRY GENFRAL UNIVERSITY OF WYOMING. WYOMING 3 B 1 4 1 4 3 6 2 3 RRIEF PROGRAM DESCRIPTION ANALYTICAL. BIOLOGICAL CHEMISTRY. CHFMICAL PHYSICS. INORGANIC. ORGANIC. PHYSICAL AND RADIO-CHEMISTRY. AREAS OF CURRENT RESEARCH INTEREST IN THE DEPARTMENT INCLUDE DIVERSE SUBJECTS FROM UV. IR. MASS AND NAR SPECTPOSCOPY TO X-RAY CRYSTALLOGRAPHY.	CHEMISTRY GENERAL UNIVERSITY OF COLORADO, COLORADO 20 9 10 17 11 23 10 9 7 14 RRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIFS: ANALYTICAL CHEMISTRY: FNVIRONMENTAL CHEMISTRY: RIOCHEMISTRY:INORGANIC CHEMISTRY: ORGANIC CHEMISTRY: PHYSICAL CHEMISTRY: BIOPHYSICAL CHEMISTRY: CHFMICAL PHYSICS, PRIMARY CAREFRS: TEACHING: RESEARCH IN GOVERNMENT LARORATORIES, INDUSTRY & NON-PROFIT ORGANIZATIONS.	CHEMISTRY AND BIOCHEMICAL SCIENCES OREGON GRADUATE CENTER, OREGON 1 1 0 0 0 2 10 BRIEF PROGRAM DESCRIPTION BIO-ORGANIC AND RIO-INORGANIC CHEMISTRY; RIOCHEMICAL SCIFNCES (GENETICS, MOLECULAR BIOLOGY, MICROBIOLOGY), CUPRENT RESEARCH INCLUDE KINETIC INVESTIGATIONS OF ENZYMATIC REACTIONS, VIBRATIONAL SPECTROSCOPY OF METALLOPROTEINS, PHOTOINITIATED ELECTRON TRANSFER REACTIONS BETWEEN LIGAND-COORDINATED METALCENTERS, THE ISOLATION, STPUCTURE ELUCIDATION ANDSYNTHESIS OF BIOLOGICALLY IMPORTANT COMPOUNDS, AND THE CATALYTIC ACTIVITY OF NONSTOICHIOMETRIC OXIDE SYSTEMS.	CHEMISTRY 1.0 F NM MAIN CAMPUS, NEW MEXICO 5. 7. 2. 7. 8. 4. 5. 10. 9 RRIFF PROGRAM DESCRIPTION ANALYTICAL, RIOCHEMISTRY, INDRGANIC, ORGANIC, ANDPHYSICAL CHEMISTRY, ORIGINAL RESEARCH IN SUBFIELDIS REQUIPED FOR THE DOCTORAL DEGREE, GRADUATES ARE PREPARED FOR CAREFPS IN COLLEGE AND UNIVERSITY TEACHING AND RESEARCH, INDUSTRIAL RESEARCH, GOVERNMENT LABORATORY PESFARCH AND TECHNICAL APEA FNTRY INTO PROFESSIONAL SCHOOLS OF BUSINESS, LAW, AND MFDICINE.

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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

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GRADUATE E		14	T PESFABCH LACTIC INV C AND PHOT L INVESTIG	Č	46	OHS FIFLNS IN COOPED OFF-CAMPH	1 LOCATED 1 R 1TH CONCEN 111M. SALAT NAI PADIAT OPHYSTCS.
1977-7R MAST DOCT		-	AVAILARLF FOR STUDENT PESFARCH, THE PRINCIPAL AREAS GALACTIC AND EXTRAGALACTIC INVESTIGATIONS, ROTH HYSICS: SPECTROGRAPHIC AND PHOTOMETRIC RESEARCH ON HENTATION: THEORETICAL INVESTIGATIONS OF STELLAR ICS & GENEVAL PELATVITY APPLIED TO ASTROPHYSICAL	6	¢ ¢	CED WARK IN VARIOUS ETFLAS OF MODERN ASTRARE CARRIED OUT IN COORFRATION WITH THE	6 4 0 4 STRONOMY W TFILLAP MFN GPAVITATIO
17 17 17		ď c	AVATLABLE GALACTIC A TYSTCS: SPE FENTATION: CS. & GENE	-	u. —	PPFDABATION FOR ANVANCED WARK IN VARIOUS FIFLNS OF MODERN ASTRONAPY PHYSICS PROBLEMS ARE CARRIED OUT IN COMPERATION WITH THE SCIENCES, THE DEPARTMENT MAINTAINS AN OFF-CAMPUS ORSERVATORY AT	ANGFLES. A 16-INCH REFLECTOR IS LOCATED ON CAMPUS. AND ORSERVATIONAL ASTRONOMY WITH CONCENTRATIONS IN: STFLLAR TROSCORY. THE INTERSTFLLAR MEDITIM. GALACTIC STRUCTUPE. EXTER IFRAL RELATIVITY AND GRAVITATIONAL RADIATION. INFRARED STRUMENTATION. HIGH FNFRGY ASTROPHYSTCS. PULSARS AND X-RAY
DEGPES CONFERDED 1975-74 1976-7 MAST DOCT MAST DO		1 10	PD ORSERVATORY, ARE AVA ORSERVATORY INCLUDE GA! AL: TVERABED ASTROPHYST ASTRONOMICAL INSTRUMENT & MAGNETOHYDRODYNAMICS	α .	et.	6 1 NTTON FOR A KSICS PRORL	ANGFLES. A AND ORSER TROSCOPY. SERUMENTATI
FARNET TA		ه د د		S S	r r	v L L	SITE ARDIT SO MILES NODIHWEST OF LOS ANGELES. A 16-INCH REFLECTOR IS LOCATED ON CAMPUS. CTOONOWY AND ASTROPHYSTICS CAL SANTA COUT. CALTERNIA THE PROCESAL DESCRIPTION THE PROCESAL INCLINES ROTH THEORETICAL AND ORSERVATIONAL ASTRONOMY WITH CONCENTRATIONS IN: STFILLAR STRUCTURE AND FULLIBE AND FULL STRUCTURE. EXTERNAL CALACTIC STRUCTURE. EXTERNAL CALACTIC STRUCTURE. EXTERNAL CALACTIC STRUCTURE. TOTH THEORET OF STRUCTURE AND GRAVITATIONAL BADIATION. INFRARED ASTRONOMICAL INSTRUMENTATION. HIGH ENFRGY ASTRODUCTORS AND X-RAY ASTRONOMY.
CAI SCIFNIFS ***** 1973-74 19	r	ASTEONAMY HINTVEDSTIV OF APIZONA, APIZONA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE FACTLITTES OF THE STEWARD OF DESCRIPTIONAL AND THEOPETIC STANGLE AND THEOPETIC STANGLE AND INTERTORS. PROPRIEMS.	ASTRONOMY CAL INST OF TECHNOLOGY. CALTFORMIA 0 5 5	CAL TFORNTA	ACTEGNOMY OF CAL LOS ANGELES. CALTEGRATA A 4 5 PRIFE PROGRAM OF STUDY PROVINES STUDIES OF SOLAP SYSTEM PLANFT DEPARTMENT OF EADTH AND SPACE	ACTORNOWY AND ACTORDHYCICS ACTORNOWY AND ACTORDHYCICS II OF CAL CANTA COUT. CALTFORNIA PUTER POOCEAN DESCRIPTION THE OPOCEAN INCLINES WOTH TI STRUCTIBE AND CHASABS. ACTRO ACTORNOMY. ADVANCED ASTRON ACTORNOMY.
000 PHYSTCA		ASTEONAMY TVERSITY OF APTZONA, 4817	THE FACTLITTES OF BESEABCH AT OBSEDVATIONAL A SINGLE AND MILL ATMOSCHEDES AND	NOWY OF TECHNIOL	ASTRONOWY II OF CAL BERKFIEV. CALTFORNTA 2 4	ACTONNAY OF CAL LOS ANGELES, CALTER A PRIFF PROGRAM OF STHOY PRO STHDIES OF SOLAP SYSTEM DEPARTMENT OF FADIH AND	ACTOONING AND ACTOOPHYSTICS OF CAL SANTA COUT. CALIFORN POTE POOCAN PERCOTOTION THE OOCAN PERCOTOTION THE OOCAN PERCOTOTION CALAXTES AND DUASABS. ACT ACTONING. ACTONING.
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MAN NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE FNROLLMENT 1977-78 CFT INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL FNP	ASTRONOMY U OF HAWAIT AT MANOA, HAWAIT A 0 7 2 2 1 4 0 0 3 5 10 15 RRIEF PROGRAM DESCRIPTION SOLAR PHYSICS, PLANETARY & INFRARED ASTRONOMY, STFLLAR ASTROPHYSICS, INTERSTFLLAR MEDIUM, SPACE RESEARCH, FXTRAGALACTIC ASTRONOMY, GRADUATES ARE PREPARED FOR CARFERS IN UNIVERSITY TEACHING &	A GOVERNMENT PESEARCH LAR TER HOURS OF UNDERGRADUATE FLECTROMAGNETISM, MECHANIC	ASTRONOMY STATE U WAIN CAMPUS. NEW MEXICO 0 0 1 0 1 0 3 RRIEF PROGRAM DESCRIPTION 0 0 0 0 0 1 0 1 0 1 0 3 RRIEF PROGRAM DESCRIPTION 15 CREDITSOF SENIOR/GRADUATE PHYSICS. FOREIGN LANGUAGE. CARFERS-ORSERVATIONAL ASTRONOMERS AND HIGHER EDUCATION FACULTY.	WASHINGTON 2 3 2 2 2 0 0 00 00 00 00 00 00 00 00 00 00	SINCE ALL ASPECTS OF ASTRONOMY DEPEND ON THE FUNDAMENTALS OF PHYSICS & MATHEMATICS, ESPECIALLY ATOMIC PHYSICS, A MINIMUM OF 24 CREDITS IN PHYSICS IS PEQUIRED FOR A DOCTORATE, THE STUDENT'S THESIS RESEARCH MAY USE OBSERVATIONAL MATERIAL OBTAINED BY USING THE FACILITIES OF FITHER THE UNIVERSITY OF WASHINGTON OR ONE OF THE NATIONAL OBSERVATORIES, OR THE THESIS PREPARATION MAY INVOLVE ANALYSIS & INTERPRETATION OF EXISTING MATERIAL.	TOTAL 10 18 25 25 11 32 12 24 12 20 111 18 165	COUNT	α	ASTROPHYSICS UNIVERSITY OF COLORADO 0 0 0 0 0 2 0 2
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

CETLING LEVEL REACHED N/N NVA W/N NIA CFTI ING ON FNROLLMENT MANDATORY 2 9 2 2 PHENOMENA, PANGING IN SCALE FROM CLOUD PARTICLES & AFROSOLS TO THE PLANETARY CIRCULATIONS: EXTENDING POLLUTION METEOROLOGY. CLIMATE DYNAMICS. BOUNDARY LAYFR METEOROLOGY. AND MESOSCALE DYNAMICS. GRADS ARE PREPARED FOR CAREERS IN FEDERAL AND STATE GOVERNMENT AGENCIES. PESEARCH AND DEVELOPMENT IN THE AVAILABLE IN PHYSICAL METEOROLOGY. PHYSICAL CLIMATOLOGY. ATMOSPHERIC FLECTRICITY. AND ATMOSPHERIC OCEANS TO ITS INTERACTION WITH THE THE DEPARTMENT OFFERS GRADUATE PROGRAMS LEADING TO THE MASTER OF SCIFNCE & DOCTOR OF PHILOSOPHY GRADUATE ENROLLMENT 1977-78 SOLAR PLASMA:INVOLVING RADIATIVE, THERMODYNAMIC. PHOTOCHEMICAL, HYDPODYNAMIC & PLASMA PROCESSES: * FULL-TIME PART-TIME TOTAL -RIOMFIFEOLOGY. ATMOSPHEDIC RADIATION. REMOTE SENSING. ATMOSPHEDIC TURRULENCE AND DIFFUSION. AIR DEGREES. TO ENHANCE EDUCATION & RESEARCH IN ATR POLLUTION PROBLEMS. AN INTERDISCIPLINARY PH.D. 38 27 IN CONJUNCTION WITH THE FACTLITIES OF THE INSTITUTE OF ATMOSPHERIC PHYSICS, CONCENTRATIONS ARE PROGRAM IN ATMOSPHERIC CHEMISTRY IS OFFERED IN CONDERATION WITH THE NEDARIMENT OF CHEMISTRY. THE DEPARTMENT OF ATMOSPHERIC SCIENCES SEFKS TO ANVANCE THE UNDERSTANDING OF ATMOSPHERIC USING THEORETICAL & NUMERICAL ANALYSIS, LABORATORY EXPERIMENTATION & FIFLD ORSFRVATION. c PRIVATE SECTOR. AND EDUCATION. PREPRO.: TWO LETTERS OF RECOMMENDATION AND GRE SCORES. C 53 10 MAST DOCT MAST DOCT MAST DOCT N 0 1977-78 FROM THE INTERFACE OF THE ATMOSPHERE & THE UNDERLYING EARTH & **** EARNED DEGREES CONFERRED **** 1976-77 C c ហ N ٨ C 10 14 1975-76 2 C 9 0 0 c ~ 0 MAST DOCT MAST DOCT 0 6 0 1974-75 COLORADO STATE INIVERSITY. COLORADO _ C U OF CAL LOS ANGFLES. CALTFORNIA ATMOSPHERIC SCI & METEOROLOGY ATMOSPHFRIC SCI & METEOROLOGY ATMOSPHFRIC SCI & METEOROLOGY ATMOSPHERIC SCI & METEOROLOGY LINIVERSITY OF ARIZONA, ARIZONA BRIEF PROGRAM DESCRIPTION BRIFF PROGRAM DESCRIPTION RATEF PROGRAM DESCRIPTION BRIFF PROGRAM DESCRIPTION 0 U OF CAL DAVIS. CALIFORNIA 1973-74 c NAME OF PROGRAM/ INSTITUTION TOTAL COUNT HEGTS CODE 1912 1913

HEGIS CATFGORY: 1900 PHYSICAL SCIENCFS

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**** EARNED DEGREES CONFERRED **** S NAME OF PROGRAM/ 1973-74 1974-75 1975-74 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 INSTITUTION MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	13 METEOROLOGY U OF HAWAIT AT MANDA, HAWAIT 4 1 3 0 0 0 4 0 5 2 4 13 17 RRIEF PROGRAM DESCRIPTION	TROPICAL WETEOROLOGYCLOUD PHYSICS. SYNOPTIC AND NUMERICAL MODELING. SATFILITE METFOROLOGY. MONSOON METEOROLOGY, AND INTERACTIONS WITH MIDDLE LATITUDES. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TFACHING AND IN RESEARCH AND OPFRATIONAL METFOROLOGY. PREREOS: THOROUGH PREPARATION IN GENERAL PHYSICS. CHEMISTRY. MATHEMATICS THROUGH CALCULUS. 14 HOURS OF UNDERGRADUATE CREDITS IN METFOROLOGY.	ATMOSPHERIC SCIENCES OREGON STATE UNIVERSITY. OREGON 1 0 3 0 2 0 4 0 3 1 14 2 16	EMPHASTS IS ON THE FIELDS OF ATMOSPHERIC DYNAMICS. MODELING. SYNOPTIC AND MESOSCALE ANALYSIS. AIR EMPHASTS IS ON THE FIELDS OF ATMOSPHERIC DYNAMICS. MODELING. SYNOPTIC AND CLIMATE. A BACHELOR*S DEGREE IN POLLUTION. DIAGNOSTIC STUDIES. RADIATION, THE BOUNDARY LAYER. AND CLIMATE. A BACHELOR*S DEGREE IN METEOPOLOGY. ATMOSPHERIC SCIENCIES. OR OTHER SCIENCE OF FNGINEFRING. INCLUDING ONE YEAR OF PHYSICS AND AT LEAST ONE YEAR OF CALCULUS. IS REDUIRED FOR ACCEPTANCE INTO THE GRADUATE PROGRAM.	WETFORDLOGY UNIVERSITY OF UTAM. UTAM 6 1 7 2 12 2 R 2 14 4 RRIFF PROGRAM DESCRIPTION	NUMERICAL WEATHER PREDICTION. ADVANCED SYNOPTIC MFTEOROLOGY. ADVANCED DYNAMIC METEOROLOGY. THEORY AND STRUCTURE OF ATMOSPHERIC TURBULENCE. BASIC RADIATION THEORY, CLOUD PHYSICS. SATELLITE METEOROLOGY. BOUNDARY LAYER THEORY, ATMOSPHERIC DIFFUSION, AIR POLLHTION METEOROLOGY. CLIMATOLOGY. MOUNTAIN METEOROLOGY. AND PEMOTE SENSING.	ATMOSPHEPIC SCI & METEOROLOGY UNIVERSITY OF WASHINGTON WASHINGTON 6 3 4 2 8 7 6 0 4 4 47 14 61	THE PROGRAM PLEADERS STUDENTS FOR CAREERS IN THE FXPANDING FIELDS OF THE ATMOSPHERIC SCIENCES. THESE INCLUDE RESEARCH CAFERS IN PLANETARY FLUID DYNAMICS, PADIATION, CLOUD PHYSICS, CHEMISTRY, BOUNDARY LAYER TURBULANCE, PFMOTE SENSING, CLIMATOLOGY, SOLAR-ATMOSPHER INTEPACTIONS: & OPERATIONAL CAPEERS IN WEATHER PREDICTION, MANAGEMENT OF AIR POLLUTION, WEATHER MODIFICATION & SERVICES TO AIR & SEA TRANSPORTATION, AGRICULTURE, COMMUNICATIONS & SPACE OPERATIONS.	ATMOSPHERIC SCI & MFTEOROLOGY IINIVEPSITY OF WYOMING. WYOMING 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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RESEARCH PROGRAMS. DEPARTMENT OPERATES ORSERVATORY. RADIOSONDE AND RADAR FACILITY. 7 TWIN ENGINE AIRCRAFT AND A LIDAP. PREREOS: BACHFLOR'S IN METFOROLOGY. ENGINFERING. PHYSICS. CHEMISTRY OR MATHEMATICS OR TPAINING EVALUATED AS EQUIVALFNT.

HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

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LMENT 1977 T-TIME TO	 e		0106Y, SUC UALLY COND ADMISSION RFSEARCHEN	5 0GY AND RY STUDIES HING AT THE	GFOLOGY. GFOLOGY. GIONAL GFOL
GRADUATE ENROLLMENT 1977-78 FILL-TIME PART-TIME TOTAL	& &		0 0 4 0 2 1 11 22 I DEVOTED TOWARD UNIQUELY ALASKAN ASPECTS OF GEOLOGY, SUCH AS FOLOGY, GEO-THERMAL ACTIVITY, ETC. RESEARCH USUALLY CONDUCTED TES & FIELD WORK IN REMOTE LOCATIONS IN COMMON, ADMISSION REG: SCIENCE, CAREER PREP: PROFESSIONAL GFOLOGISTS, RESEARCHEPS, OR	STDY, STRUCTURAL GEOLOGY, MINERALOGY, PALEONTOLOGY AND IMENTAL PETROLOGY, OPF DEPOSITS, INTERDISCIPLINARY STUDIES INCLUARCH ON METEORITES, GRADS ARE PREPARED FOR TEACHING AT THE RESEARCH POSITIONS IN INDUSTRYAND GOVERNMENT, PREPERS: MASTERS	6 25 R 94 72 166 MINFRALOGY, PETROLOGY, ECONOMIC GFOLOGY, GEOCHRONOLOGY, REGIONAL GEOLOGY GEOCHEMISTRY, AND GFORMACE SOUCATION, AND
-	25		1 ALASKAN ASP ITY, ETC. R LOCATIONS	1 INFRALOGY. SITS. INTER INF. PREPARE	A PETROLOGY
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DEGREES CONFERRED * 1975-76 1976-77 MAST DOCT MAST DOCT	20 55		O 4 FD TOWARD GEO-THERM TIELD WORK	STDY. STRUCTURAL IMENTAL PETPOLOGY. ARCH ON METEORITES	IN GEORIOLOGY, MALEONTOLOGY, BJOS
0	11 57		0 0 RCH DEVOTE C GFOLOGY (TORIES & F	1 B MISTPY, ST PERTMENTAL SEARCH ON FOR RESEAR	ZONA, ARIZONA 11 5 16 7 27 5 34 ESCRIPTION STUDIES ARE AVAILABLE IN GEORIOLOGY, SEDIMENTATION, MICROPALEONTOLOGY, BICLOGY, PLATE TECTONICS, GEOMORPHOLOGY, MINTERPLY MADE IN CHARESTER
**** EARNED 1974-75 T MAST DOCT	39		SKA 8 N FOR PFSEA Y' ECONOMI PCH LABORA	APTZONA R NO GY. GEOCHE OLOGY. EXP HFMICAL PE SCORES.	ZONA JOHN NO TE AVAILAB ATION MIC
# 1973-74 MAST DOCT	44 16	σ	RRANKS, ALA DESCRIPTIO ES PROVIDED GLACIOLOG WITH RESEA LOGY OR CLO	NIVERSITY, DESCRIPTION SFOWORPHOLD Y SETTMENT NO COSMO DANCOLOGIC EDTABLE GRE	PIZONA, ARI 11 5 DESCRIPTIO 5 STUDIES A V, SEDIMENT ECLOGY, PLA
NAME OF PROGRAM/ INSTITUTION	TOTAL	COUNT	GEOLOGY U OF ALASKA FATRANKS, ALASKA 3 0 0 0 4 0 2 1 11 BRIFF PROGRAM DESCRIPTION OPPORTHINITIES PROVIDED FOR RESEARCH DEVOTED TOWARD UNIQUELY ALASKAN ASPECTS OF GEOLOGY, SUCH AS VULCANDLOGY, GLACIOLOGY, ECONOMIC GFOLOGY, GEO-THFRMAL ACTIVITY, ETC. RESEARCH USUALLY CONDUCTED VULCANDLOGY, GLACIOLOGY, ECONOMIC GFOLOGY, GEO-THFRMAL ACTIVITY, ETC. RESEARCH USUALLY CONDUCTED CONJUNCTION WITH RESEARCH LABORATORIFS & FIELD WORK IN REMOTE LOCATIONS IN COMMON, ADMISSION REGIONAL GFOLOGISTS, RESEARCHEPS, OR	GEOLOGY ARIZONA STATE UNIVERSITY, APIZONA P 1 8 1 9 2 16 1 1 5 6 RRIEF PROGRAW DESCRIPTION STUDIES IN GFOWORPHOLOGY, GEOCHFMISTDY, STRUCTURAL GFOLOGY, MINFRALOGY, PALEONTOLOGY AND STUDIES IN GFOWORPHOLOGY, EXPERIMENTAL PETROLOGY, ORF DEPOSITS, INTERDISCIPLINARY STUDIES INCLUDE STRUCTULE GFOCHEMICAL AND COSMOCHFMICAL PRSEARCH ON METFORITES, GRADS ARE PREPARED FOR TEACHING AT THE UNIVERSITY OR COLLEGE LAND GOVERNMENT, PREPAREDS: MASTERS DEGREE, ACCEPTABLE GRE SCORES,	GFOSCIENCES UNIVERSITY OF APIZONA, ARIZONA 11 5 16 7 27 5 34 6 25 R 94 72 166 BRIEF PROGRAM DESCRIPTION CONCENTRATED STUDIES ARE AVAILABLE IN GEORIOLOGY, MINFRALOGY, PETROLOGY, ECONOMIC GFOLOGY, STRUCTURALGEOLOGY, REGIONAL GEOLOGY, BIOSTRATIGRAPHY, GFOCHRONOLOGY, REGIONAL GFOLOGY, STRUCTURALGEOLOGY, REGIONAL GEOLOGY, GFOCHMAISTRY, AND GFORPHY CAN REGIONAL GEOLOGY, ADDAMGED FOR MULTIPLY TRECTONICS, GFOMORPHOLOGY, STRUCTS FOR MULTIPLY AND WINDE IN CATALOGY, AND GFORPHY CAN REGIONAL CAN REGION
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

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	83	TARY SCIENCES SMALL SCIENCES WHICH WILL SUBJECTS THE PLANFTARY SCIENCE.	75	.Y. EnLOGY. 1	4		84	GY. S ARE INDUSTRY.	43	ANTS MUST O THETR
GRADUATE ENROLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	0	ANETARY SCIENCES AL SCIENCES WHICH OR SUBJECTS THE AND PLANETARY SC		NTAL GFOLOG HEMATICAL G	0		0	ENTAL GEOLO HEMISTRY. ATION. GRAD S. PRIVATE		RPHOLOGY. FTROLOGY. DS. APPLIC
GRADUATE EI FULL-TIME	6 0	MAJOR SUBJECT. THE WORK FOR THE DOCTORATE IN THE DIVISION OF GEOLOGICAL AND PLANETARY SCIENCES SHALL CONSIST OF ADVANCED STUDIES AND OF RESEARCH IN SOME DISCIPLINE IN THE GEOLOGICAL SCIENCES WHICH WILL BE TERMED THE **MAJOR SUBJECT** OF THE CANNIDATE.THE DIVISION WILL ACCEPT AS MAJOR SUBJECTS THE DISCIPLINES LISTED HEREWITH. GEOLOGY AND GEORIOLOGY.GEOCHEMISTRY. GFORHYSICS. AND PLANETARY SCIENCE.		HYDROGEOLOGY AND FNVIRONMENTAL GFOLOGY. MINFPALOGY. PETROLOGY. MATHEMATICAL GEOLOGY. AND	77		48	THE PROGRAM DESCRIPTION CRUST & MANTLE EVOLUTION, PALEOBIOLOGY OF INVERTEBRATES & PROTISTS, & ENVIRONMENTAL GEOLOGY. SPECIALIZED STUDIES INCLUDE IGNEOUS, METAMORPHIC & SEDIMENTARY PETROLOGY, GEOCHEMISTRY. STRATIGRAPHY, & PROGRAMS IN HIGH PRESSURE EXPERIMENTAL PETROLOGY & ROCK DEFORMATION, GRADS ARE PREPARED FOR CARFERS IN RESEARCH & TEACHING AT THE COLLEGE & UNIVERSITY LEVELS, PRIVATE INDUSTRY. GOVERNMENT AGENCIES, PREFRED,: THREE LETTERS OF PECOMMENDATION, GRE SCORES SUGGESTED.		IFF PROGRAM DESCRIPTION THE PROGRAM IN GEOLOGY OFFERS STUDY IN GENCHEMISTRY, GFOLOGICAL PHYSICS, GEOMORPHOLOGY, GLACIOLOGY-MINERAL DEPOSITS, MINFRALOGY, ORGANIC GEOCHEMISTRY, PALEORINLOGY, PETROLOGY, SEDIMENTOLOGY, STRATIGRAPHY, STRUCTUPAL GEOLOGY, TECTONOPHYSICS, AND OTHER FIELDS, APPLICANTS MUST HAVE STRONG TRAINING IN THE BASIC MATHEMATICS, PHYSICS, CHEMISTRY, OR BIOLOGY RELEVANT TO THEIR SURDISCIPLINE, A DEGREE IN GFOLOGY IS NOT REQUIRED.
** 1977-78 MAST NOCT	11 14	OF GFOLOGI PLINE IN TH ON WILL ACC	8 12	SEOLOGY AND ALOGY. PETR	0		≈	PROTISTS. MIARY PETRI FROLOGY & 95 56 & UNIVER	iv iv	DGICAL PHYS STRY, PALEC HYSICS, AND CHEMISTRY,
*** 77 0CT	11 9	SOME DISCONTING THE DIVISCONTENT THE DIV	œ		12 7		٨	TERRATES & SEDIMFICE SEDIMFICE THE COLLECT PECOLLECT PECOLLECT PECOLLECT PECONMENDATIONS	7	STRY, GFOL(C GEOCHEMI • TECTONORI PHYSICS. (IRFD.
DEGREFS CONFERPFD 1975-76 1976- MAST DOCT MAST DO	6	SEARCH IN CANDIDATE.	13 10	IEF PROGRAM DESCRIPTION GENERAL GFOLOGY. GEOMORPHOLOGY. SEDIMENTARY GEOLOGY AND PALEONTOLOGY. GEOCHEMISTRY. ORF GENESIS.	12 0		e e	METAMORPHI SCURE EXPER FEACHING AT	ru ru	IN GFOCHEMISTRY, OGY, ORGANIC GEO PAL GEOLOGY, TFC ATHEMATICS, PHYS IS NOT REQUIRED.
0	JCES JO 4	MAJOR SUBJECT. THE WORK FOR THE DOCTO CONSIST OF ADVANCED STUDIES AND OF RE RE TERMED THE **MAJOR SURJECT" OF THE DISCIPLINES LISTED HEREWITH. GEOLOGY	7 6	GEOLOGY. EONTOLOGY.	٥.		1	ALEORIDLOG I IGNEOUS. A HIGH PRE- SEAPCH & T	Ā α ≎	ERS STUDY 1 S. MINFRALG F. STRUCTUR MF BASIC MA GFOLOGY 1
**** EARNE 1973-74 1974-75 MAST DOCT MAST DOCT	ARY SCIENCY CALIFOR B 1	E WORK FOR ED STUDIES JOR SURJEC D HEREWITH	CAL IFORNIA	IPTION STRUCTURAL GY AND PAL	LIFORNIA 4		ORNIA	OLUTION F OLUTION F ES INCLUDE ROGRAMS IN ERS IN RP ES. PREREC	CAL IFORNI	IPTION OLOGY OFFE L DEPOSIT RATIGRAPHY ING IN TH DEGREE IN
	GEOLOGY AND PLANETARY SCIENCES L INST OF TECHNOLOGY, CALIFORNI 13 8 10 BRIEF PROGRAM DESCRIPTION	JH JECT TH OF ADVANCED THE **MA	IVERSITY. C	RRIEF PROGRAM DESCRIPTION GENERAL GEOLOGY SEDIMENTARY GEOLOGY AND PALEONTOLOGOR	PKELEY. CAI		VIS. CALIF	CRUST & MANTLE EVOLUTION CRUST & MANTLE EVOLUTION, PALEORIOL SPECIALIZED STUDIES INCLUDE IGNEOUS STRATIGRAPHY, & PROGRAMS IN HIGH PR PREPARED FOR CARFERS IN RESEARCH & GOVFRNMENT AGENCIES, PREREO,: THREE	S ANGFLES.	RRIFF PROGRAM DESCRIPTION THE PROGRAM IN GEOLOGY OFFERS STUDY GLACIOLOGY-MINERAL DEPOSITS, WINFRA SEDIMENTOLOGY-STRATIGRAPHY-STRUCT HAVE STRONG TRAINING IN THE BASIC SURDISCIPLINE-A DEGREE IN GFOLOGY
NAME OF PROGRAM/ INSTITUTION	GEOLOGY AND PLANETARY SCIENCES CAL INST OF TECHNOLOGY, CALIFORNIA BRIEF PROGRAM DESCRIPTION	MAJOR SCONSIST BE TERMEDISCIPLI	GEOLOGY STANFORD UNIVERSITY, CALIFORNIA 16 10	RRIEF PROGRAM OFNERAL GFOL SEDIMENTARY ORF GENESIS.	GEOLOGY U OF CAL RFRKELEY. CALIFORNIA	>50 IO35	U OF CAL DAVIS, CALIFORNIA	COUST & COUST	GEOLOGY U OF CAL LOS ANGFLES, CALIFORNIA	RRIFF PROC THE PROC GLACIOLO SEDIMEN' HAVE STE SURDISCI
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**** EARNED DEGREES CONFERRED **** S NAME OF PROGRAM/ 1973-74 1974-75 1975-74 1977-78 GRADUATE FNPOLLMENT 1977-78 INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME DART-TIME TOTAL	4 GEOLOGICAL SCIENCES U OF CAL RIVERSIDE. CALIFORNIA 5 3 2 2 8 2 6 1 28 6 3 4 3 8 3 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	GEOLOGY U OF CAL SANTA MARBARA, CALIFORNIA A S 7 4 7 0 0 46 1 1 47 BRIEF PROGRAW DESCRIPTION THE STUDENT MUST DEMONSTRATE THE FOLLOWING PROFICIENCIES: 1. SUPERIOR COMPETENCE IN THE SPECIAL FIELD, 2. PROAD KNOWLEDGE IN THE GEOLOGICAL SCIENCES.3. SATISFACTORY KNOWLEDGE IN OTHER SCIENCES.	GEOLOGICAL SCIENCES U OF SOUTHFRN CALIFORNIA. 9 3 4 2 11 6 15 7 14 1 BRIEF PROGRAM DESCRIPTION MICROPALFONTOLOGIC. MINFPALOGIC. PETPOLOGIC. GEOCHEMICAL PESEARCH: INVERTEBRATE PALEONIOLOGY: SFDIMENTATION: OCEANOGRAPHY: MARINE GEOLOGY. PRERFOUISITES: GRE APTITUDE: SCIENCE COURSE REQUIREMENTS OF RS IN GEOLOGY.	GFOLOGY COLORADO SCHOOL OF MINES. COLOPADO S 14 3 PRIEF PROGRAM DESCRIPTION EXPLORATION ORIENTED GEOLOGY PROGRAM WITH EMPHASES ON ORE DEPOSITS, PFTROLEUM EXPLORATION & GEOCHEMICAL FXPLORATION. MSC & GRE ADVANCED GEOLOGY. (NOTE: ENROLLMENT STATISTICS ARE UNDER 0911).	GEOLOGY & EARTH RESOURCES COLORADO STATE UNIVERSITY. COLORADO 15 5 10 10 12 4 17 2 13 4 RPIEF PROGRAM DESCRIPTION PROGRAMS IN WATERSHED SCIENCES AND GFOLOGY WITH SPECIALIZATIONS IN LAND USE HYDROLOGY. NON-RENEWARLFRESOURCES. AND SUPFICIAL MATERIALS AND PROCESSES.OLOGY. MINERAL RESOURCES ADMINISTRATION. PETROLOGY. REMOTE SENSING OF FARTH RESOURCES. SEDIMENTOLOGY & WATERSHED & SNOW	GFOLOGY. GFOLOGY. UNIVERSITY OF 19AHO. 1DAHO. A 3 4 5 7 8 8 5 32 21 53 RRIEF PROGRAM DESCRIPTION ADMISSION TO THE DOCTORAL PROGRAM IS RASFD ON THE COMPATIBILITY OF THE STUDENT'S RESEARCH INTEREST WITH THOSE OF THE MAJOR PROFESSOR, UPON THE AVAILABILITY OF RESEARCH SUPPORT, AND THE STUDENT'S ACADEMIC RECARD AND POTENTIAL.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

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MANDA **** EARNED DEGREES CONFERRED **** NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GDADHATF ENROLLMFNT 1977-78 CFIL. INSTITUTION MAST DOCT	GEOLOGY UNIVERSITY OF MONTANA, MONTANA 7 1 1 1 4 5 4 5 7 10 0 28 9 37 1 RRIFF PROGRAM DESCRIPTION PEGIONAL TECTONICS, GRANITES & PEGIONAL METAMORPHISM, WFTALIC MINEPAL DEPOSITS, RELT STRATIGRAPHY, PAGIONAL TECTONICS, GRANITES & REGIONAL ACID GFOLOGIC HISTORY, RFGIONAL GFOPHYSICS, RFMOTE PALEGGOIC CAPBONATES, TERTIARY RASIN DEPOSITION, ACID GFOLOGIC HISTORY, RFGIONAL GFOPHYSICS, RFMOTE SENSING, HYDROGEOLOGY, ENERGY RESOURCES & CLAY MINERALOGY, THE GRADUATE RECORD EXAMINATION IS REQUIRED, GRADUATE INDUSTRY,	GEOLOGY OF NEVADA RENO, NEVADA 3 0 9 0 8 1 0 0 0 0	GEOSCIENCE-GEOLOGY INST OF MINING & TECHN. NEW MEXICO INST OF MINING & TECHN. NEW MEXICO 3 31 1 BRIEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES STABILITIES AND SOLUTIONS-MINEPAL EQUILIBRIA IN PRORLEMS OF BASE WETAL ORF GENESIS. GRADUATES ARE PREPARED FOR COLLEGE TEACHING ORRESEARCH AND DEVELOPMENT CAPEFRS.	GFOLOGY ORFGON STATE UNIVERSITY. OREGON 6 7 6 4 11 2 9 1 14 1 34 17 51 1 RRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF GEOLOGY OFFERS GRADUATE WORK LEADING TOWARD THE MASTER OF ARTS. MASTER OF SCIENCE. AND DOCTOR OF PHILOSOPHY DEGREES WITH MAJORS IN THE FIELDS OF ARFAL GFOLOGY, ECONOMIC GEOLOGY, GFOCHEMISTRY, IGNEOUS AND SEDIMENTARY PETROLOGY, INVERTERRATE PALEONTOLOGY, MICROPALFONTOLOGY, SEDIMENTOLOGY, STRATIGRAPHY, STRUCTURAL GEOLOGY, AND VOLCANOLOGY.	GON 7 2 5 1 3 4 13 2 20 11 31	PRIEF PROGRAM DESCRIPTION PETROLOGY: AND GEOCHEMISTRY OF VOLCANIC ROCKS: EXPERIMENTAL PETROLOGY: PALEONTOLOGY AND SEDIMENTARY PETROLOGY AND GEOCHEMISTRY OF VOLCANIC ROCKS: EXPERIMENTAL PETROLOGY: BASEARCH, RESEARCH WITH INDUSTRIAL AND GOVERNMENT OPGANIZATIONS, AND APPLIED GEOLOGY WITH MINING AND PETROLEUM COMPANIES AND OTHER OPGANIZATIONS, PREREQUISITES FOR ADMISSION INCLUDE: UNDERGRADUATE OF MASTER*S DEGREE IN GEOLOGY OF RELATED SCIENCES, AND HIGH ACHIEVEMENT ON GRADUATE RECORD FXAMINATION.	GEOLOGY BRIGHAM YOUNG U MAIN CAM, UTAH 7 0 8 0 7 1 10 0 6 1 BRIEF PROGRAM DESCRIPTION PREFRUITSITES, MASTER'S DEGREF IN GEOLOGY; MINFRALOGY, GEOCHEMISTRY, AND PALEONTOLOGY; STRATIGRAPHY AND SEDIMENTATION; STRUCTURAL AND FIELD GEOLOGY, MINORS PERMISSIBLE, OUTSIDE THE DEPARTMENT OR FIELDS WITHIN THE DEPARTMENT, AS APPROVED RY THE APPLICANT'S COMMITTEE, REQUIREMENTS, APPROVED COURSES, DEMONSTRATE COMPETENCE IN RESEARCH, AND A DISSERTATION (18-HR, MIN799R).
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D DEGREES CONFERRED **** 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	8 8 0 9 3 5 2 EARCH IS CARRIED OUT IN WINERALOGY, PETROLOGY, STRUCTURAL GEOLOGY. SEDIMENTOLOGY, PALEONTOLOGY, ISOTOPE GFOLOGY, GFOCHEMISTRY, OGY, PALEOMAGNETISM, GEOMAGNETISM, MINING GFOPHYSICS, PETROLFUM ENGINEFRING, SLOPE STARILITY, ROCK MECHANICS, HYDROLOGY, LIMNOLOGY,	ERSITY OF WASHINGTON. WASHINGTON 6 7 10 7 6 7 11 4 12 6 60 16 7 76 IEF PROGRAM DESCRIPTION THE DEPARTMENT EMPHASIZES A RIGOROUS SCIENTIFIC APPROACH TO SIGNIFICANT PRORLEMS IN THE GEOLOGICAL SCIENCES. RECOGNIZING THAT THE IDENTIFICATION OF A SUITABLE RESFARCH PRORLEM IS JUST AS IMPORTANT AS ITS SOLUTION. THE DEPARTMENT HAS RECENTLY EXPANDED THE NUMBER AND SCOPE OF ITS GRADUATE LEVEL COURSES AND SEMINARS. STUDY IN VIRTUALLY ALL BRANCHES OF GFOLOGICAL SCIENCES IS POSSIBLE.	INGTON ST UNIVERSITY, WASHINGTON 5 2 0 5 3 1 3 7 1 40 9 49 1FF PROGRAM DESCRIPTION FIVE MAJOR AREAS OF SPECIALIZATION: 1) MINEROLOGY-PFTROLOGY-GEOCHEMISTRY.2) MINERAL DEPOSITS.3) STRATIGRAPHY-PALEONTOLOGY.4) GROUNDWATER GEOLOGY-HYDROGEOLOGY.5) STRUCTURAL GEOLOGY. PREREQUISITES: 34 SEM. HOURS OF UNDERGRADUATE COURSES IN GEOLOGY.1NCLUDING PHYSICAL & HISTORICAL GEOLOGY. MINERALOGY. PETROLOGY. INVERTEBRATE PALEONTOLOGY.STRUCTURAL GEOLOGY & A SIX-WEEK COURSE IN GFOLOGICAL FIELD METHODS. GENERAL PHYSICS. INORGANIC CHEMISTRY & MATHEMATICS THROUGH FIRST SEMFSTER CALCULUS.	3 9 0 23 3 17 6	ANALYTICAL WORK IN GEOCHEMISTRY AND MINERALOGY PETROLOGY. EQUIPMENT INCLUDES ELECTRON MICROSCOPE. ANALYTICAL WORK IN GEOCHEMISSION UNITS AND ATOMIC ARSORPTION UNITS. OPTICAL LABORATORIES FOR TRANSMITTED AND SEDIMENTOLOGY LABORATORIES. ALSO STUDIES IN QUANTITATIVE GFOLOGY. PREREGS: ONE LANGUAGE IF ESSENTIAL TO STUDENT*S RESEARCH. RESEARCH TOOL SUCH AS STATISTICS OR COMPUTER SCIENCE MAY BE RECOMMENDED.	ERSITY OF COLORADO. COLORADO 12 3 14 4 11 6 12 8 14 5 IFF PROGRAM DESCRIPTION CURRICULAR FMPHASES OF SUBSPECIALITES: STRUCTURAL & REGIONAL GFOLOGY. PALEONTOLOGY. QUATERNARY GFOLOGY & GEOMORPHOLOGY. PFTPOLOGY. GFOCHFMISTRY & MINERAL DEPOSITS & GFOPHYSICS INCLUDING (A) ROCK- & PALFOMAGNETISM. (B) ROCK MECHANICS & (C) SFISMOLOGYR CRUSTAL DFFORMATION. PRIMARY CAREFRS: MINERAL & PALFOMAGNETISM. (B) ROCK MECHANICL & (C) SFISMOLOGYR CRUSTAL DFFORMATION. PRIMARY CAREFRS: WORK #### PERSONAL & STALL DESCRIPTION & EVALUATION.
***** EARNED S NAME OF PROGRAM/ 1973-74 1974-75 INSTITUTION MAST DOCT MAST DOCT	GEOLOGY UNIVERSITY OF UTAH. UTAH 7 3 5 3 RRIEF PROGRAM DESCRIPTION EXPERIMENTAL AND THEORETICAL RESEARCEONOMIC GEOLOGY. STRATIGRAPHY. SEDIGEOCHEMICAL EXPLORATION. SFISMOLOGY. GEOPHYSICS, GRAVITY. FOUNDATION ENGIAND PLANFIOLOGY.	GEOLOGY UNIVERSITY OF WASHINGTON. WASHINGTON 6 7 10 7 RRIEF PROGRAM DESCRIPTION THE DEPARTMENT EMPHASIZES A RIGOROUS SCIENCES. RECOGNIZING THAT THE IDENT AS ITS SOLUTION. THE DEPARTMENT HAS COURSES AND SEMINARS. STUDY IN VIRTI	GEOLOGY WASHINGTON ST UNIVERSITY, WASHINGTON 5	GEOLOGY UNIVERSITY OF WYOMING, WYOMING S 3	AND TRUCKE WORK IN GEOCHEMISTRY AND MINER AND TRANSMITTED AND REFLECTED LIGHT STUDIES. STUDIES IN QUANTITATIVE GFOLOGY. PREREGEE RESEARCH TOOL SUCH AS STATISTICS OR COMPI	GEOLOGY JUNIVERSITY OF COLORADO. COLORADO 12 3 14 4 11 6 1: BRIEF PROGRAM NESCRIPTION CURRICULAR FMPHASES OR SUBSPECIALTIFS: STRUCTURAL GEOLOGY & GEOMORPHOLOGY. PFTPOLOGY. GEOCHFMISTRY: & PALFOMAGNETISM. (8) ROCK MECHANICS & (C) SEISMOI EXMPLORATION & EVALUATION; FNVIRONMENTAL HAZAROS.
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HEGIS CĂTEGORY: 1900 PHYSICAL SCIENCES

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	GRADUATF EI FULL-TIME		·c				ď	LOGY. F.G		IFF PROGRAM DESCRIPTION PALEOMAGNETISM. SEISMOLOGY. TECTONICS, TECTONOPHYSICS, GFOMAGNETISM. CONTINUUM MECHANICS POTENTIALTHEORY. ROCK PHYSICS. AND FIELD TECHNIQUES.	13		S. MSC & GRE		
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1001	PROGE					000000000000000000000000000000000000000	OF ALASKA FAIRBANKS, ALASKA	RRIEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES PROGRAMS OF STUDY OUTL EARTH CURRENTS. GLACIOLOGY. VOLCANOLOGY.	GEOPHYSICS NFORD UNIV	RRIEF PROGRAM DESCRIPTION PALEOMAGNETISM. SEISMOLOGY. TECTON POTENTIALTHEORY. ROCK PHYSICS. AND	GEOPHYSTCS OF CAL BFRKELEY, CALIFORNIA	GEOPHYSICS ORADO SCHO	RRIEF PROGRAM DESCRIPTION RESEARCH IN THE SCIENTIFIC BASIS FO (ENROLLMENTS INCLUDED UNDER 0912).	GEOPHYSICS	
HEGIS CATEGORY: 1900 PHYSICAL SCIENCES	NAME OF PROGRAM/ INSTITUTION	TOTAL		COUNT		i c	U 0F A	AR 18	GEOPHYSICS STANFORD UNIVERSITY. CALIFORNIA	RRIP	GEG U OF C	GENPHYSICS COLORADO SCHOOL OF MINES, COLOPADO	BRIE RE	GEOPHYSICS	5
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GRADUATE ENPOLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	1 1 5 0 5 0 8 1 9 1000. TON, EARTHQUAKE SEISMOLOGY AND GEOTHERMAL STUDIES, GRADUATES RESEARCH AND DEVELOPMENT CAREFRS.	3 GRADUATE	AND PH.D. IN GEOPHYSICS AND GEOPHYSICAL OCEANOGRAPHY. RESEARCH NGE OF PROBLEMS IN SOLID EARTH GEOPHYSICS WITH EMPHASIS ON APPLIFI AND LAND GEOPHYSICS AND GEOTHERMAL PROCESSES. A THESIS IS USUALLY		ALOGY, STRAT SATION, SEIS (+ FOUNDATION)	4 4 4 2 6 2 36 10 46 AL & SURFACE STRUCTURES OF PLANETS NYNAMICAL PROCESSES WITHIN THE L AS ASSOCIATED ENVIRONMENTAL APPLICATIONS, THE REQUIRED RFFLECT THE WIDE VARIETY OF SCIENTIFIC DISCIPLINES THAT MAY BE
GRADUATE E FULL-TIME	A GEOTHERMAL S.	12 PHY) OFFERS	IYSICAL OCEA OPHYSICS WI L PROCFSSES		PFTROLOGY, STRUCTURAL GFOLOGY, ECONOMIC GFOLOGY, PF GEOLOGY, GFOCHEMISTRY, GEOCHEMICAL FXPLORATION GEOPHYSICS, GRAVITY, FOUR MFCHANICS, HYDROLOGY, LIMNOLOGY, AND PLANFTOLOGY	36 S DYNAMICAL PLICATIONS
** 1977-78 MAST DOCT	S 0 OLOGY AND ENT CAREFR	3 1	AND GEOPH O EARTH GE GEOTHERMA	11 11	GFOLOGY, E Y, GEOCHEM M GEOPHYSI LIMNOLOGY,	6 2 OF PLANET NMENTAL AP TY OF SCIE
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NAME OF PROGRAM/ INSTITUTION	GEOSCIENCE-GEOPHYSICS NM INST OF MINING & TECHN. NEW MEXICO S 2 0 1 1 5 0 5 0 RRIFF PROGRAM DESCRIPTION PROGRAM EMPHASIZES CRUSTAL EXPLORATION. EARTHQUAKF SETSMOLOGY AND GE AREPREPARED FOR COLLEGE TEACHING OR RESEARCH AND DEVELOPMENT CAREERS.	GEOPHYSICS OREGON STATE UNIVERSITY. OREGON 0 0 0 0 0 3 1 12 3 15 RRIEF PROGRAM DESCRIPTION THE GEOPHYSICS PROGRAM IN THE SCHOOL OF OCEANOGRAPHY (SFF OCEANOGRAPHY) OFFERS GRADUATE WORK LEADING	TOWARD THE DEGREFS OF M.S., M.A., AND PH.D. IN GEOPHYSICS AND GEOPHYSICAL OCEANOGRAPHY, RESEARCH OPPORTUNITIES EXIST FOR A WIDE RANGE OF PROBLEMS IN SOLID EARTH GEOPHYSICS WITH EMPHASIS ON APPLIFD AND THEORETICAL ASPECTS OF MARINE AND LAND GEOPHYSICS AND GEOTHERMAL PROCFSSES, A THESIS IS USUALLY REQUIRED FOR THE MASTER'S DEGREE.	GEOPHYSICS UNIVERSITY OF UTAH. UTAH RRIFF PROGRAM DESCRIPTION	SEDIMENTOLOGY. UT IN MINERALOGY, PFTROLOGY, STRUCTURAL GFOLOGY, ECONOMIC GFOLOGY, STRATIGRAPHY, SEDIMENTOLOGY, PALFONTOLOGY, ISOTOPF GFOLOGY, GFOCHEMISTRY, GEOCHEMICAL FXPLORATION, SEISMOLOGY, PALFOMAGNETISM, GFOMAGNETISM, MINING GFOPHYSICS, PFTROLFUM GFOPHYSICS, GRAVITY, FOUNDATION ENGINEFRING, SLOPE STABILITY, ROCK MFCHANICS, HYDROLOGY, LIMNOLOGY, AND PLANFTOLOGY,	GEOPHYSICS S 4 4 4 2 2 36 10 S 4 1 3 4 4 2 2 36 BRIEF PROGRAM DESCRIPTION MAJOR ARFAS OF INTEREST ARE INTERNAL & SURFACE STRUCTURES OF PLANETS DYNAMICAL PROCESSES WI EARTH. OCEANS & ATMOSPHERES. AS WELL AS ASSOCIATED ENVIRONMENTAL APPLICATIONS. THE RFQUIRED CURTCULUM IS FELXIBLE IN ORDEP TO RFFLECT THE WIDE VARIETY OF SCIENTIFIC DISCIPLINES THAT I PEDUIRED TO TACKLE SPECIFIC PROBLEMS IN GEOPHYSICS.
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TOTAL

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST DOCT	**** EAPNED 1974-75 T MAST DOCT	DEGREES CONFERPED 1975-76 1976- MAST DOCT MAST D	NFERPED ***** 1976-77 1 MAST DOCT MA	1977-78 MAST DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	NROLLMENT 1977-78 PART-TIME TOTAL		MANDATORY CFILING ON ENROLLMENT	CETLING LEVEL REACHED
1917	EARTH SCIENCES U OF CAL SANTA CRUZ. CALIFORNIA 4 3 8RIFF PROGRAM DESCRIPTION THE PROGRAM IS DESIGNED TO EXTENSIVELY IN DESIGNING TH INDEPENDENT RESEARCH IN SUB	CAL SANTA CRUZ. CALIFORNIA CAL SANTA CRUZ. CALIFORNIA 1. 2 3 2 3 4 33 IFF PROGRAM DESCRIPTION THE PROGRAM IS DESIGNED TO PREPARE STUDENTS AS PRODUCTIVE RESEARCHERS. STUDENTS ARE FXPECTED TO AID EXTENSIVELY IN DESIGNING THEIR PROGRAM. SPEND THEIR FIRST YEAR IN COURSE STUDY AND PURSUE RIGOROUS INDEPENDENT RESEARCH IN SURSEQUENT YEARS. THE PROGRAM CENTERS ON LOOSF FACULTY-STUDENT INTERACTION.	RNIA 2 3 TO PREPARE G THFIR PRO	SECRIFORNIA 4 3 3 4 33 DESCRIPTION IS DESIGNED TO PREPARE STUDENTS AS PRODUCTIVE RESEARCHERS, STUDENTS ARE EXPECTED TO AIM IN DESIGNING THEIR PROGRAM, SPEND THEIR FIRST YEAR IN COURSE STUDENT INTERACTION RESEARCH IN SUBSEQUENT YEARS, THE PROGRAM CENTERS ON LOOSE FACULTY-STUDENT INTERACTION	4 3 S PRODUCTIVE THEIR FIRST	3 4 RESEARCHE YEAR IN C	33 PS. STUDENTS OURSE STUDY OSE FACULTY	S ARE EXPEC AND PURSUE	33 TFD TO AID RIGOPOUS	O Z	e z
	GEOLOGY & GEOPHYSICS U OF HAWAII AT MANOA, HAWAII 7 7 8 BRIEF PROGRAM DESCRIPTION GENERAL GEOLOGY; GFOPHYS GEOPHYSICS; REISMOLOGY; & GOVT., RESFARCH & TFAC UG MAJOR IN NATURAL SCI	EOLOGY & GEOPHYSICS HAWAII AT MANDA. HAWAII HAWAII AT MANDA. HAWAII IEF PROGRAM DESCRIPTION GEOLOGY: GEOPHYSICS: GEODESY & GRAVITY: HYDROLOGY & ENGINEFPING GFOLOGY: MARTNF GEOL. & GENERAL GEOLOGY: GFOPHYSICS: GEODESY & GRAVITY: HYDROLOGY & GRADS ARE PREDARED FOR CAREERS IN IND. & GEOPHYSICS: GEISMOLOGY: VOLCANOLOGY: PETROLOGY: GFOCHEMISTRY. GRADS ARE PREDARED FOR CAREERS IN IND. & GOOVT RESFARCH & TFACHING. EXPLORATION & FVALUATION. PREREOS: GPF (APT & ADV). M.S. OP FOUTV. OR US MAJOR IN NATURAL SCI.TRY AND GOVERNMENT. RESEARCH EXPLORATION AND FVALUATION: AND IN UNIVERSITY TEACHING.	T 4 SICS: GEODE VOLCANOLOG CHING. EXPL I.TRY AND G	11 1 SY & GRAVITY: SY: PETROLOGY: ORATION & FVAL	10 2 Y1 HYDROLOGY Y1 GENCHEMTO VALUATION PRESEARCH EXE	9 4 K ENGINEF STRY. GRADS PREREGS: GP	10 2 9 4 32 HYDROLOGY & ENGINEFPING GFOLOGY: GEOCHEMISTRY, GRADS ARE PREDARED UATION, PREREGS: GPF (APT & ADV) SEAPCH EXPLORATION AND FVALUATION	73 SEOL. THE GEOL. TO FOR CAREERS V). M.S. OP FOLL ON: AND IN UNIVE	55 EOL. & ERS IN IND. FOUTVERSITY	Ç Z	Z Z
1917	TOTAL	11	0	13 3		12 8	\$	23	Œ		
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1918	TOTAL	e m	m *	vo m	~	0	٤	c	E		

HEGIS CATEGORY: 1900 PHYSICAL SCIENCES
EARNED 1973-74 1974-75 MAST DOCT MAST DOCT
OCFANOGRÁPHY U OF ALASKA FAIRBANKS, ALASKA 1 1 0 1 4 1 3 1 19 15 34 RRIEF PROGRAM DESCRIPTION ACADEMIC AND RESEARCH OPPOPTUNITIES IN OCFANOGRAPHY AND OCEAN ENGINFFRING, ÃS WELL AS ON-THE-JOB TRAINING THROUGH RESEARCH LABORATORIES, THE SEWARD MARINE STATION, AND VARIOUS RESFARCH VESFICA CAREER PREP: OCFANOGRAPHIC PESEARCH OP APPLIED FIFLDS IN BIOLOGICAL, GEOLOGICAL, OR PHYSICAL
OCEANOGRAPHY U OF CAL SAN DIEGO. CALIFORNIA 11 10 12 35 5 30 4 25 8 31 191 3 194 RRIEF PROGRAM DESCRIPTION A PH.D. FROM THE SCRIPPS INSTITUTION OF OCEANOGRAPHY INCLUDES OCEANOGRAPHY. MARINE BIOLOGY. OR EAR SCIFNCES. CURRICULAR PROGRAMS INCLUDE RIOLOGICAL OCEANOGRAPHY. MARINE RIOLOGY. MARINE CHEMISTRY. GEOLOGICAL SCIENCES. GEOPHYSICAL. PHYSICAL OCFANOGRAPHY AND APPLIED OCFAN SCIENCES. THE GRADUATE RECORD EXAMINATION IS REQUIRED AND SPECIFIC REQUIREMENTS FOR THE VARIOUS CURPICULAP PROGRAMS.
OCEANOGRAPHY OF HAWAII AT MANDA, HAWAII 6 1 13 3 7 3 7 5 5 21 32 53 BRIEF PROGRAM DESCRIPTION PHYSICAL, CHFMICAL, GFOLOGICAL AND BIOLOGICAL OCEANOGRAPHY, GRADUATES ARE PREPAPED FOR CAREERS RESEARCH AND UNIVERSITY TEACHING, PPFREOS: GRE (APTITUDE AND ADVANCED), UNDFRGRADUATE MAJOR IN PHYSICS, CHEMISTRY, GEOLOGY, GEOPHYSICS, ENGINEERING, MATHEMATICS, RIOLOGY, ZOOLOGY, OR BOTANY; YEAR CALCULUS, PHYSICS, CHFMISTRY.
OCFANOGRAPHY ORFGON STATE UNIVERSITY, OPFGON 25 12 19 8 22 BRIEF PROGRAM DESCRIPTION THE SCHOOL OF OCFANOGRAPHY OFFERS GRADUATE IN RIOLOGICAL, CHEMICAL, GFOLOGICAL, GFOPHY MASTER'S DEGREF IS ALSO OFFERED WITH AN OP
OCEANOGRAPHY UNIVERSITY OF WASHINGTON, WASHINGTON 18 7 12
AREA TO SPECIALIZATION INCLUDE BIOLOGICAL, CHEMICAL, GEOLOGICAL & PHYSICAL OCEANOGRAPHY & THE AREAS OF SPECIALIZATION INCLUDE BIOLOGICAL, CHEMICAL, GEOPHYSICS & FLUID DYNAMICS, THE STUDENT DEMONSTRATES HIS COMPETENCE IN COURSE WORK, SEMINARS, A DEPARTMENTAL FXAMINATION & SUPERVISED RESEARCH ACTIVITY, WHEN THE STUDENT APPEARS PROPERLY PREPARED, HE STANDS FOR THE GENERAL EXAMINATION OF THE GRADUATE SCHOOL TO RECOME A CANDIDATE FOR THE PH.D.

HEGIS CATEGORY: 1900 PHYSTCAL SCIENCES

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	£74	22 VARTARLE	TION. MSC	11 ALS. COLLEGE	18 N: OGRAPHY. OFLING:
GRADUATE ENPOLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	6	FETALLURGY O 1 0 0 0 0 1 3 2 13 9 22 NEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES PROCESS METALLURGY: THE STUDY OF THE PELATIONSHIPS RETWEEN PROCESSING VARIABLES AND THE STUCTURE AND PROPERTIES OF THE RESULTING MATERIAL.	FNGINFERING APPLICATION.	NST OF MINING & TECHN, NEW MEXICO NST OF MINING & TECHN, NEW MEXICO 11 1 3 2 4 11 0 11 TEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES SOLUTION MINING, DYNAMIC PROPERTIES OF METALS AND MICROSCOPY OF MATERIALS. GRADUATES ARE PREPARED FOR INDUSTRIAL ENGINEFRING AND RESEARCH, GOVERNMENT I ARORATORIES. COLLEGE TEACHING.	FRALLURGY FRALTY OF UTAH. UTAH 1 4 4 2 3 6 4 3 IFF PROGRAM DESCRIPTION MINEPAL PROCESSING-COMMINUTION. FLOTATION: HYDROMFTALLURGY-LEACHING. SOLUTION PUPIFICATION: MINEPAL PROCESSING-COMMINUTION. FLOTATION: HYDROMFTALLURGY-LEACHING. SMELTING. IPPONMAKING AND STEELMAKING! PHYSICAL METALLURGY-METALLOGRAPHY. METAL FAILURE ANALYSIS: HETEROGENEOUS PEACTION KINFTICS: TRANSPORT PHENOMENA: COMPUTER MODELING: AUTOMATIC CONTROL AND PROCESSING OF FNERGY-RELATED MINEPALS.
GRADUATE E	394	13 PS RETWEFN	AL FNGINFER	11 IN MICROSCOP	SOLUTION TCAL METALL PHENOMENAS
***** 1977-78 T MAST DOCT	59	3 2 PELATIONSHI	0 0 METALLURGICAL	2 4 F METALS AN	4 3 GY-LEACHING AKING: PHYS TPANSPORT
77	36 58	n 1 JOY OF THE I	1 3 1 THF	1 3 ROPERTIES OF	3 6 4 2 ATION: HYDROMFTALLUPGY-L PONMAKING AND STEELMAKIN JS PEACTION KINFTICS: TRA FNERGY-RELATED MINEPALS.
DEGREES CONFERRED 1975-76 1976-1 MAST DOCT MAST DO	86	0 0 67: THE STU	0 0 1 SCIENCE REHIND	6 1 DYNAMIC PE AL ENGINEFE	3 6 JATTON: HYD JEONMAKING JUS PEACTION: FNERGY-REL
**** EARNED 1974-75 T MAST DOCT	57 53	NA 0 0 SS METALLUR	ETALLUPGY RADO SCHOOL OF MINES, COLOPADO 1 0 0 0 0 IFF PROGRAM DESCRIPTION STUDY & RESEARCH IN THE FUNDAMENTAL SCIENCE REHIN &GRE APTITUDE, (ENROLLMENTS INCLUDED UNDER 0914).	METALLURGY NM INST OF MINING & TECHN, NEW MEXICO 4 0 7 2 RRIFF PROGRAM DESCRIPTION PROGRAM EMPHASIZES SOLUTION MINING, GRADUATES ARE PREPARED FOR INDUSTRIA	FRALLURGY I 4 4 2 IFF PROGRAM DESCRIPTION MINEPAL PROCESSING-COMMINUTION, FLOT PYPOMFTALLURGY-ROASTING, SMELTING, I MFTAL FAILURF ANALYSIS: HETEROGENEOU AUTOMATIC CONTROL AND PROCESSING OF
1973-74 MAST DOCT	5 31	A. ARIZCO 0 1 RIPTION FS PROCE	INES, CC 0 1 PIPTION IN THE	TECHNON A 4 0 0 NIPTION FS SOLUT	UTAH RIPTION NG-COMMI OASTING
	¢	ARIZON	OL OF M NAM DESC RESEARCH	INTNG &	UTAH. PAM DESC PROCESSI LURGY-R ILURE AN
NAME OF PROGRAM/		METALLURGY UNIVERSITY OF ARIZONA, ARIZONA 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0	METALLUPGY COLORADO SCHOOL OF MINES. COLORADO 0 1 0 BRIFF PROGRAM DESCRIPTION STUDY & RESEARCH IN THE FUNDAM	METALLURGY INST OF MINING & TECHN, of the control o	METALLURGY UNIVERSITY OF UTAH 1 4 RRIEF PROGRAM DESCRIPTION MINERAL PROCESSING-COMM PYBOMFTALLURGY-ROASTING METAL FAILURGY ANALYSIS: AUTOMATIC CONTROL AND PI
1	COUNT	M A8	0 100 BB	Σ	EN CO
HF615 CODF	1919	1920			

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		11	FLOPMENT OR	69			0 АРНҮ ТНА1	14 MODEL ING. IN INDUSTRY	14
	PART-TIME	- 4	PHYSICS.	10			OCFANOGR		-
	GRADUATE ENPOLLMENT 1977-78 FULL-TIME PART-TIME TOTAL	10	STUDY OF FERROUS AND REFRACTORY TRANSITION METAL ALLOYS AND THEIR PHYSICAL PROPERTIES. CLECTRONIC PROPERTIES. CLECTRONIC PROPERTIES ON NON-STOICHIOMETRIC OXIDES. WELDING, FRACTUPE TOUGHNESS. CAST SUPERALLOY DEVELOPMENT. AND GRAIN BOUNDARY CHEMISTRY. PRERFOS: BACHELOR'S DEGREF IN MATFRIALS SCIENCE, PHYSICS. OR CHEMISTRY: GENERAL AND ADVANCED GRE SCORFS.	36			0 0 3 0 4 0 HYDROLOGY AND THOSE PARTS OF METEOROLOGY AND OCFANOGRAPHY THAT	13 RAINFALL-RUNOFF AND DEVELOPMENT	
		c	FIR PHYS SHNESS. ATFRIALS	٥			0 F METEO	3 1 MODELING AND I	-
	***** 1977-78 T MAST DOCT	0	AND THE	σ			PARTS 0		_
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	Š	c	N METAL WELDING AACHELOR	-			0 LOGY AND	1 WATER	
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	** EARNED 1974-75 MAST DOCT	0	CTORY TIMETRIC (TRY. PRI	111 4			A 0 1 0 0 IND-WATE	MEXICO 1 1 1 FACE HYD	~
ENCES	平	OREGON 0 TION	D REFRA TOICHIO CHEMIS AND ADV	w.			LIFORNI 1 1TION ND GROUM	HN. NEW 0 1 I I ON SUBSURE (RED FOR	# •
TCAL SC	1973-74 MAST DOCT	ENCE CENTER. 0 DESCRIP	ROUS AND NON-STOUND ARY	រភ		r	SITY. CA 2 DESCRIP ROLOGY A	NG & TEC DESCRIP HASIZES RE PREPA	4
SYHY 006	OGRAM/ ION	MATERIALS SCIENCE EGON GRADUATE CENTER, ORE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STUDY OF FERROUS AND REFRACTORY TRA PROPERTIES ON NON-STOICHIOMETRIC OX AND GRAIN BOUNDARY CHEMISTRY. PRER CHEMISTRY: GENERAL AND ADVANCED GRE				HYDROLOGY STANFORD UNIVERSITY. CALIFORNIA 2 1 1 0 RRIEF PROGRAM DESCRIPTION SURFACE HYDROLOGY AND GROUND-WATER ARF REI ATED TO THE HYDROLOGIC CYCLE	GEOSCIENCE INST OF MINING & TECHN. NEW MEXICO INST OF MINING & TECHN. NEW MEXICO BRIEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES SUBSURFACE HYDROLOGY. GRADUATES ARE PREPARED FOR CAREERS IN COLGOVERNMENT.	
HEGIS CATEGORY: 1900 PHYSICAL SCIENCES	NAME OF PROGRAM/ INSTITUTION	MATERIALS SCIENCE OPEGON GRADUATE CENTER, OREGON 0 0 0 0 PRICE PROGRAM DESCRIPTION	STUD PROP AND CHEN	TOTAL	COUNT		HYDROLOGY STANFORD UNI BRIEF PROG SURFACE ARF REIA	GEOSC NM INST BRIEF PROG GRAN	TOTAL
HEGIS C	HEGIS P	1920		1920			1997		1997

WICHE CONTINUE PROGRAM INVENTORY MAY 1970

HEGIS CATEGORY: 1900 PHYSTCAL SCIFNCES

CEILING LEVEL REACHFD	4 2		Z	° ž			N/A	
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1977-78 TOTAL	128	· IMPAGE ATION FRIALS.	7R ONDUCTIV POMOLECUE	11 XAMPLF 19	715		42	PARTICIPANTS OR A IDING THE
GRADIIATE ENROLLMENT 1977-78 FIIL L-TIME PART-TIME TOTAI	96	D IN ATMOSPHEDIC OPTICS. COHERENI OPTICS, HOLOGRAPHY. IMPAGE FGRATED OPTICS. LASED PHYSICS, MENICAL OPTICS, MODULATION FARMICATION AND TESTING. OPTICAL PROPERTIES OF MATERIALS. PENERGY, AND THIN FILM TECHNOLOGY.	15 17 INCLUDING SOLID STATE, SUPERCONDUCTIVITY, AND PHYSICS OF PIOLOGICAL MACROWOLECULES.	9 2 11 FNFRSY TNDUSTRIES. EXAMPLE	er en		25	ARE ACTIVE PART IN ANY ONE OR
GRADIIATE E FILL-TIME	192	NT OPTICS. MENICAL OP CAL PROPER	6 SOLID ST	9 FNFRSV TN	200		32	ORATORY AR
1977-78 MAST DOCT	18 3.	DHYSICS. TING. OPTI		3 n MINERALS R	36 20		æ	S MAY CONC
*** 77)CT	<u>د</u> ه	IN ATMOSPHEDIC ODTICS. COHERENT OF SPATED OPTICS. LASED PHYSICS. MENT FARRICATION AND TESTING. OPTICAL ENERGY. AND THIN FILM TECHNOLOGY.	7 10 4 11 TO NATURAL PHENOMENS.	o C THE THE	22 20		4	AND THE LUNABAND PLANETARY LARGRATORY OCPAM, PWENT, STUDENTS MAY CONCENTRATE OF ACCUIDE SOME DEPOSICIENCY IN ALL ASE
FGREFS CON 1975-76 AST DOCT	19 14	FGRATED OPTICS. (I FARPICATION AND THE	U	0 0 s associated pe aptitude.	26 24		4	DOCEDAMOPHEN
**** FARNED D 1974-75 1 MAST DOCT M	4A 7C	ING CONPUCTS ANIQUES. INT SIGN. OPTICA	uta 15 10 u of Physics vics, space	OPLEMS C & GR	۶۱ ۶۹		۳; ح ع	ARY SCIFNCES
1973-74 MAST DOC	CES 170NA. ARIZON 7 2 DESCRIPTION	RESEABCH IS CURRENTLY REING CONPUCTED IN ATMOSPHEDIC ODITICS. COHERENI ODITICS, HOLOGRADHY. IMPAG PROCESSING. INFRARED TECHNIQUES. INTEGRATED OPTICS. LASER PHYSICS. MENICAL OPTICS. MODULATION SPECTONSCORY. OPTICAL DESIGN. OPTICAL FARRICATION AND TESTING. OPTICAL PROPERTIES OF MATERIALS. QUANTUM OPTICS. PEMOTE SENSING. SOLAP ENERGY. AND THIN FILM TECHNOLOGY.	PPLIFD PHYSICS FOOD INIVERSITY. CALTFORMIA 13 9 15 10 IFF PROGRAM DESCRIPTION THE TECHNICAL APPLICATION OF PHYSICS PLASMAS. QUANTUM FLECTRONICS. SPACE	PADO SCHOOL OF MINES. COLORADO A 1 0 IFF PROGRAM DESCRIPTION STIDY & RESEARCH IN PHYSICS PRORLEMS COAL DUST NUCLEATION STUDY. MSC & GR	25 11	۳	TZONA. ARIZON 7 4 DESCENEITON	THE PEDADTHENT OF PLANFTARY SCIENCES AND THE LUNADAND PLANFTARY LABORATORY ARE ACTIVE PARTITION MANY WISSTONS OF THE NASA SPACE PROGRAM, PWENT, STUDENTS MAY CONCENTRATE IN ANY ONE OR A COMPINATION THESE FIFLDS RUT SHOULD ACQUIRE SOME PROFICIENCY IN ALL ASPECTS, INCLUDING REHAVIODAL SCIENCES.
HEGIS MAME OF PROGRAM/	OPTICAL SCIFNCES UNIVERSITY OF ARIZONA ARIZONA 7 7 7 7 7 7 8 RRIFF PROGRAM OFSCRIPTION	RESEABCH IS CURRENTLY REING CONDUCTE PROCESSING. INFRARED IFCHNIQUES. INT SPECTPOSCOPY. OPTICAL DESIGN. OPTICA QUANTUM OPTICS. PEMOTE SENSING. SOLA OUTICS.	APPLIED PHYSTCS STANFOOD UNIVERSITY, CALIFORNIA 13 9 15 10 RRIFF PROGRAM DESCRIPTION THE TECHNICAL APPLICATION OF PHYSICS PLASMAS, QUANTUM FLECTRONICS, SPACE	APPLIED PHYSICS COLORADO SCHOOL OF MINES. COLORADO 2 0 1 1 0 RRIFF PROGRAW DESCRIPTION STHOY & RESEARCH IN PHYSICS PROBLEMS COAL DHST NUCLEATION STHOY. MSC & GR	TOTAL	COUNT	HYDROLOGY UNIVERSITY OF ARTZONA, ARIZONA 7 4 A 4	THE DEPARTMENT OF PL IN MANY MISSIONS OF PL COMPINATION OF THESE REHAVIODAL SCIENCES
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**** EARNED DEGREES CONFERRED **** NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-79 GPADUATF ENPOLLMFNT 1977-79 INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIMF PART-TIME TOTAL	APPLIED EARTH SCIENCES STANFORD UNIVERSITY, CALIFORNIA 11 2 12 7 9 5 10 5 BRIEF PROGRAM DESCRIPTION APPLIED GEOMATHEMATICS, APPLIED HYDROGEOLOGY, ENGINFFPING GEOLOGY, FNVIRONMFNTAL EARTH SCIFNCFS, EXTRACTIVE METALLURGY AND MATERIALS PROCESSING, MINERAL FCONOMICS, ORF DEPOSITS AND FXPLORATION, PETROLEUM EXPLORATION, AND REMOTE SENSING, INDIVIDUALLYTAILORED, INTERDISCIPLINARY CURRICULA ARE ENCOURAGED.	GEOPHYSICS & SPACE SCIFNCE U OF CAL LOS ANGFLES, CALIFORNIA 8 3 8 2 4 5 12 3 BRIEF PROGRAM DESCRIPTION THE PROGRAM IN GEOPHYSICS & SPACE PHYSICS OFFERS STUDY IN GEOPHYSICS (SEISMOLOGY, GRAVITY, THERMAL PEGIME, TECTONICS), GEOPHYSICAL FLUID DYNAMICS (TURRULENCF, ROTATING SYSTEMS, STABILITY, HYDROWAGNFTISM), SPACE PHYSICS (WAGNETOSPHERE, RADIATION RELIS, SOLAR WIND, WAGNFTIC FIELDS, COSMIC RAYS), & PLANFTARY SCIFNCE (ORRITAL DYNAMICS, PLANFTARY INTERTORS, SURFACES, AND ATMOSPHERES, SOLAR-SYSTEM OPIGIN),	APPLIED CHEMISTRY COLORADO SCHOOL OF MINES, COLORADO COLORADO SCHOOL OF MINES, COLORADO RRIFF PROGRAM DESCRIPTION STUDY & RESEARCH IN CHEMISTRY PROBLEMS ASSOCIATEDWITH THE MINEPALS & FNERGY INDUSTRIFS, FUFLS CHEMISTRY, MCC & GRE APTITUDE.	U OF NEVADA RFNO, NEVADA 3 1 1 0 4 1 0 0 0	CHEMICAL PHYSICS WASHINGTON 0 0 0 0 0 6 RRIEF PROGRAM DESCRIPTION WORK IS CONCENTRATED IN THERMODYNAMICS & STATISTICAL MECHANICS, RASIC & APPLIED QUANTUM THFORY & ATOMIC & MOLECULAR STRUCTURE, SUPPORTING WORK IS TAKEN IN MATHEMATICS, COMPLIER SCIENCE & OTHER AREAS OF CHEMISTRY & PHYSICS, PREPEQUISITES: A BACHELOR'S DEGREF IN PHYSICS OR CHEMISTRY.	ASTROGENPHYSICS UNIVERSITY OF COLORADO. COLORADO A 4 4 5 7 9 6 BRIEF PROGRAM DESCRIPTION CURRICHLAR EMPHASES OP SUBSPECIALTIES: SOLAR. SPACF, ATMOSPHERIC & PLANETARY PHYSICS: PLASMA PHYSICS: FLUID DYNAMICS: & RADIATIVE TRANSFER: ASTROPHYSICS. PRIMARY CARFFRS: TEACHING & RESFARCH IN ATMOSPHERIC & SPACF PHYSICS. ASTROPHYSICS. RESEARCH & DEVELOPMENT IN PLASMA PHYSICS. FUSION & OTHER ENERGY RELATED FIELDS & ENVIRONMENTAL ARFAS.
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CEILING LEVEL REACHFD	X A
DFGREFS CONFERRED **** 1975-76 1976-77 1977-78 GRADUATE ENPOLIMENT 1977-78 CFILING ON LEVEL MAST DOCT MAST DOCT FILL-TIME PART-TIME TOTAL FNPOLLMENT REACHED	NO NO
1977-78 TOTAL	6 CHEMTS STCAL ED GPF
NPOL! MENT PART-TIME	O ATMOSPHERIC RFF IN PHYSIC AND ADVANCED
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HEGIS NAME OF PROGRAM/ CODE INSTITUTION	OTHER PHYSICAL SCI OREGON GRADUATE CENTEP, OREGON O 0 0 1 0 6 6 BRIEF PROGRAM DESCRIPTION EXPERIMENTAL AND THEORETICAL ASPECTS OF ENVIRONMENTAL SCIENCE, IN PARTICULAD, ATMOSPHERIC CHEMISTRY, AIR POLLUTION, AQUATIC CHEMISTRY, AND WATER POLLUTION, PREPEOS: PACHELOP'S DEGREF IN PHYSICAL SCIENCE, MATHEMATICS, OR ENGINEERING, CHEMISTRY BACKGROUND DESTRABLE, GENFRAL AND ADVANCED GPF SCORES.
HFG15 CODE	1999

1999 TOTAL

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CATFGORY TOTAL

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NAME OF PROGRAM/ INSTITUTION	ARIZONA STATE UNIVERSITY, ARIZONA	BRIFF PROGRAM DESCRIPTION RESEARCH SPECIALIZATION IN CLINICAL, EXPERIMENTAL, PHYSIOLOGICAL, ENVIRONMENTAL, OR SOCIAL RESEARCH SPECIALIZATION IN CLINICAL, EXPERIMENTAL, PHYSIOLOGICAL, ENVIRONMENTAL, OR SOCIAL PHYSIOLOGICAL, ENVIRONMENTAL, OR SOCIAL BSYCHOLOGY, STUDENTS IN CLINICAL, AND ENVIR STUDIES MUST COMPLETE THE MASTER'S DEGREF, CAPEER PREPARATION FOR PRIVATE PRACTICE AND FOR AND RESEARCH IN FOUCATIONAL, INDUSTRIAL, MEDICAL AND GOYFROMENTAL INSTITUTIONS, PREREOS: AN UNDERGRADUATE MAJOR OF EQUIVALENT IN PSYCHOLOGY, ACCEPTABLE GPF SCORES.	PSYCHOLOGY GENERAL. LINIVERSITY OF ARIZONA, ARIZONA 23 10 16 25 14 17 10 17 15 71 23 94 BRIEF PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILABLE IN ANIMAL BEHAVIOR, CLINICAL, DEVELOPMENTAL, ENVIRONMENTAL, LEARNING PERSONALITY, PHYSIOLOGICAL, SENSORY AND PERCEPTION, AND SOCIAL PSYCHOLOGY.	PSYCHOLOGY GENERAL US INTFRNATIONAL U. CALIFORNIA 25 0 34 0 61 0 29 0 33 RRIFF PROGRAM DESCRIPTION TWO EMPHASES ARE AVAILABLE DEPENDING UPON THE CARFFR GOALS OF (PREPARATION FOR COLLEGE TFACHERS AND COUNSELORS). 2. FAMILY FAMILY AND CHILD COUNSFLORS AND PASTORAL COUNSELORS).	PSYCHOLOGY GENERAL CLAREMONT GRADUATE SCHOOL. CALIFORNIA 0 0 0 BRIFF PROGRAM DESCRIPTION PREPARATION FOR SCHOLARLY CAREERS AND WORK IN INDUSTRIAL AND ORGANIZATIONAL	STANFORD UNIVERSITY. CALIFORNIA 2 15 7 19 RRIEF PROGRAM DESCRIPTION RESEARCH COMPETENCE IN A VAPIFTY OF	PSYCHOLOGY GENERAL U OF CAL BFRKFLEY, CALIFORNIA 20 30
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NAME OF PROGRAM/ INSTITUTION	PSYCHOLOGY U OF HAWAII AT MANDA, HAWAII 26 10 33 7 15 17 15 12 8 61 46 107 RRIEF PROGRAM DESCRIPTION COMPARATIVE-PHYSTOLOGICAL, DEVELOPMENTAL, SOCIAL-PERSONALITY, CLINICAL, LFARNING THEORY, HUMAN COMPARATIVE-PHYSTOLOGICAL, DEVELOPMENTAL, SOCIAL-PERSONALITY, CLINICAL, LFARNING THEORY, HUMAN REHAVIOR AND HUMAN VARIARIIITY, GRADUATES ARE PREPARED FOR CARFERS IN UNIVERSITY TEACHING AND REFEARCH AND FOR PROFESSIONAL SFRVICE, PREPAREDS: GRE (APTITUDE AND ANVANCED): MILLER'S ANALOGIES TEST: M.a., OR 30 CREDITS IN LIEU OF M.a.; THREE LETTERS OF RECOMMENDATION.	PSYCHOLOGY GENEGAL 10 18 7 11 7 10 2 0 7 8 40 10 50 10 19 10 19 8 PRIFE PROGRAM DESCRIPTION ADEAS OF SPECIALIZATION ARE CLINICAL & EXPERIMENTAL PSYCHOLOGY. SPECIAL FACTLITIES: A COMPREHENSIVOFF-CAMPUS ANIMAL BEHAVIOR LABORATORY CONTAINING COLONIFS OF PRESUS MONKFYS, RAIS, FIC., PESEARCH ROOMS. SHOP & SURGERY: A CLINICAL PSYCHOLOGY CENTER FOR TRAINING & RESFARCH: COMPUTATIONAL FACTLITIES: WOODWORKING. MACHINE & ELECTPICAL SHOP: & HUMAN CONDITIONING & GENERAL PFSEARCH APPASSING RAY IND.	PSYCHOLOGY GENERAL 1) OF NEVADA RFNO. NEVADA	PSYCHOLOGY GENERAL OF OPEGON MAIN CAMPUS. OREGON 11 13 13 24 18 13 14 15 16 7 58 9 BRIEF PROGRAM DESCRIPTION EXPERIMENTAL. AND SOCIAL-PERSONALITY. A EXPERIMENTAL. PHYSIOLOGICAL, CLINICAL/COMMUNITY. DEVELOPMENTAL. AND SOCIAL-PERSONALITY. A REQUIREMENTS: ALTHOUGH NO SET COURSE REQUIREMENTS. STRONG BACKGROUND IN SCIENCE AREA(S) PSYCHOLOGY PESEARCH EXPERIENCE HELPFUL. GRE AND GPA ARE HEAVILY ADMISSIONS, RUT MINORITY APPLICANTS GIVEN SPECIAL CONSIDERATION.	PSYCHOLOGY GENERAL RRIGHAM YOUNG U MAIN CAM. UTAH S 3 RRIFF PROGRAM DESCRIPTION DOCTORATE OFFERED IN THE APEAS OF CLINICAL, FXPERIMENTAL, SOCIAL, AND INSTRUCTIONAL (JOINTLY WITH ED.PSYCH). PSYCHOLOGY. MINORS OFFERED IN DEVELOPMENTAL PSYCH., PERSONALITY. LEARNING. MEASUREMENT. AND PHYSIOLOGICAL PSYCH.	PSYCHOLOGY GENERAL UNIVERSITY OF UTAH, UTAH 10 16 14 11 16 7 13 15 5 8 RRIEF PROGRAM DESCRIPTION CLINICAL, SOCIAL, PHYSTOLOGICAL, ANIMAL AND HUMANEXPERIMENTAL, CHILD-DEVELOPMENTAL PSYCHOLOGY, AND APPLIED PSYCHOLOGY.
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NAME OF PROGRAM/	ANTHROPOLOGY O OF CAL SAN DIEGO. CALIFORNIA RRIEF PROGRAM DESCRIPTION THE DEPARTMENT CONCENTRATES ON SOCI PERSONALITY AND SOCIAL STRUCTURE IN EXAMINATION IS REQUIRED.	ANTHROPOLOGY OF CAL SANTA BARBARA, CALIFORNIA OF CAL SANTA BARBARA, CALIFORNIA OF STATE OF S	ANTHROPOLOGY 10 OF HAWAIT AT MANDA, HAWAIT 14 5 9 R 25 32 18 5 PROGRAM DESCRIPTION PREFARCH IN THE PACIFIC AND ASIA WITH EMPHASES IN SOCIAL-CULTURAL ANTHROPOLOGY, APCHAEOLOGY, PSYCHOLOGICAL ANTHROPOLOGY, AND MEDICAL ANTHROPOLOGY, CAPEER PREPAPATION FOR A PROFESSIONAL ROLE IN TRACHING AND RESEARCH IN ACADEMIC SETTINGS AS WELL AS FOR WORK IN STATE, NATIONAL, AND INTERNATIONAL AGENCIES, PREREOS: GRE (APTITUDE); M.A. IN ANTHROPOLOGY: THREE LETTERS OF PECOMMENDATION.	ANTHROPOLOGY U OF OREGON MAIN CAMPUS. ORFGON 9 16 15 6 9 6 7 10 6 38 17 55 RRIFE PROGRAM DESCRIPTION STUDY OF ONE OR MORE SUBFIFLDS (ARCHAFOLOGY, CULTURAL ANTHROPOLOGY, ANTHROPOLOGICAL LINGUISTICS PHYSICAL ANTHROPOLOGY). DISSERTATION OPDINARILY BASED ON FIELDWORK OR LABORATORY STUDY. CARFER PREPARATION FOR PROFESSORSHIPS. MUSEUM POSITIONS, AND APPLIED POSITIONS WITH GOVERNMENT AND INDUSTRY, PREPREQUISITES: M.A. DEGREF. INCLUDING COMPETENCE IN THE FOUR SUBFIFLDS, 3.0 GRADUATE	ANTHROPOLOGY UNIVERSITY OF UTAH. UTAH. 5 1 2 2 6 5 6 2 4 1 RRIFF PROGRAM DESCRIPTION GRADUATE COURSES IN THE TRADITIONAL FOUR SUBFIELDS OF ANTHROPOLOGY (1.6. ARCHAFOLOGY, ETHNOLOGY LINGUISTICS. & PHYSICAL ANTHROPOLOGY). THE AREAS OF FOCUS IN ARCHAEOLOGY INCLUDE THE U.S. GREAT RASIN. AND MIDDLE FAST CIVILIZATIONS. IN LINGUISTICS. THERE IS A FOCUS ON UTO-ATTECAN (U.S. GREAT RASIN. AND MIDDLE FOR CONCENTRATION ALSO EXIST IN WIDDLE FAST CULTURAL DEVELOPMENT. AMFRICAN INDIAN STUDIES. PSYCHOLOGICAL AND COGNITIVE ANTHROPOLOGY.
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0000	ANTHROPOLOGY UNIVERSITY OF WASHINGTON. WASHINGTON REJEF PROGRAM DESCRIPTION THE DEPARTMENT RECOGNIZES 3 PRINCIPAL SURFIELDS OF ANTHROPOLOGY WITH WHICH ITS FACULTY.PROGRAMS THE DEPARTMENT RECOGNIZES 3 PRINCIPAL SURFIELDS OF ANTHROPOLOGY & SOCIOCULTURAL ANTHROPOLOGY. THE STUDENT FLECTS THE SUBFIELD OF SPECIALIZATION & THE PARTICULAR PROBLEMS OR AREAS WITHIN IT THAT OR SHE WISHES TO EMPHASIZE. THE MAJOR AREAS EMPHASIZED ARE AS FOLLOWS: NO. AMPRICA. AFRICA. CHINA. OCFANA. SO. ASIA & SF ASIA. COMPFIENCE IN A FIFLD LANGUAGE IS REQUIRED FOR THE	S & THE	۵ ۲
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	ANTHROPOLOGY UNIVERSITY OF COLORADO, COLORADO 7 13 20 10 32 12 21 17 14 0 BRIFF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: BIOLOGICAL ANTHRO. (PALEONTOLOGY, GENETICS, FVOLUTIONARY THEORY); CULTURAL ANTHRO. (CULTURE CHANGE, APPLIED, ETHNOGRAPHIC APFA SPECIALTIES, HISTORY OF ANTHROPOLOGY); ARCHAFOLOGY (NEW WORLD, METHOD & THFORY); ANTHROPOLOGICAL LINGUISTICS, PRIMARY CARFERS: TEACHING, RESEARCH, CONSULTING.	ON	N N
	ANTHROPOLOGY 13 3 4 3 R 5 19 4 14 4 RRIFF PROGRAM DESCRIPTION FOUR AREAS OF ANTHROPOLOGY: CULTURAL. ARCHEOLOGY, BIOLOGICAL. OR LINGUISTICS. FIELD WORK USUALLY REQUIRED FOR DISSEPTATION. STUDENTS MUST PRESENT COLLOGUIUM BEFORE GOING TO THE FIFLD. SPECIAL ADMISSION REQUIREMENTS: M.A. DEGREF AND GRE SCORES. CARFER: COLLEGF AND UNIVERSITY TFACHING. PESCURCE MANAGERS IN COMMUNITY ACTION PROGRAMS.	O _N	Z Z

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DEGREFS CONFERRED 1975-76 1975-76		RCHAEDLOGY (INTERDEPAPTMENTAL) CAL LOS ANGELES. CALIFORNIA 16 0 5 1 17 0 6 0 5 1 THE INTENT OF THE PROGRAM IS TO PRODUCE TRULY INTI STUDY WILL BE LARGELY WITHIN A SINGLE DEPAPTMENT ANTHROPOLOGY.ART HISTORY. CLASSICS. INDO-EUROPEAN DEPARTMENT.	~		CONOMICS ONA STATE UNIVERSITY, ARIZONA 10 0 17 0 3 0 12 IFF PROGRAM DESCRIPTION INDUSTRIAL ORG AND PUB POLICY, MANPOWER THFORY AND	HIST. DUB FIN. HEALTH ECON. MONETARY THEORY AND POL FCONOMICS. PPEP FOR RESEARCH POSITIONS IN PUBLIC AGE AND RESEARCH POSITIONS IN FOUCATIONAL INSTITUTIONS. MATHEMATICS THROUGH ANALYTIC GEOMETRY AND CALCULUS.	2 0	AND TO PROVIDE THE ANALYTICAL TOOLS REPORTED FOR MORF LITEPATURE, AND THE CONDUCT OF FCONOMIC RESEARCH, IN MUST PREPARE THEMSELVES IN FITHER OF TWO ADDITIONAL AAPEA IF THE STUDENT HAS FLECTED AN OUTSINE MINOR, ASA
*** EARNED DEG 1974-75 19		D PROF TO PROF A SINGI ASSICS.	0		A MANPOWE	HIST. DUB FIN, HEALTH ECON, MONETARY ECONOMICS, PPEP FOR RESFARCH POSITIONS AND RESFARCH POSITIONS IN FOUCATIONAL MATHEMATICS THROUGH ANALYTIC GEOMETRY	E 1000	L TOOLS BE OF FCONOMI ITHER OF T
6 2	FORNTA	PAPTMENTA ALIFOPNIA 0 5 TION ROGRAM IS LY WITHIN STORY. CL SHOULD RFI	© <u>~</u>		Y. ARIZON 0 TION PUR POLIC	RESFARCH ONS IN FO	ARIZONA S TION	ANALYTICA CONDUCT LVFS IN F HAS FLFC
1973-74 MAST BOOT	LEY. CALI	(INTERDE ANGELES, C AM DESCRIP OF THE P OF THE P BE LARGE SGY, ART HI ANGUAGES)	r	^	UNIVERSIT	PPEP FOR	ARIZONA ARIZONA 4 5 5 WM DESCRIPTION	AND TO PROVIDE THE CONDUCT OF TOOL WIST PREPARE THEMSELVES IN FITHER AREA IF THE STUDENT HAS ELECTED AN
HEGIS CATEGORY: 2200 SOCIAL SCIENCES ** HEGIS NAME OF PROGRAW/ 1973-74	ARCHEOLOGY U OF CAL BERKELEY. CALIFORNIA	ARCHAFOLOGY (INTERDEPARTMENTAL) U OF CAL LOS ANGELES. CALIFORNÍA BRIFF PROGRAM DESCRIPTION THE INTENT OF THE PROGRAM IS TO PRODUCE TRULY INTERDISCIPLINARY STUDY WILL BE LARGELY WITHIN A SINGLE DEPARTMENT (IN SUCH FIELR ANTHROPOLOGY.ART HISTORY. CLASSICS. INDO-EUROPEAN STUDIFS. NEARF ORIENTAL LANGUAGES)SHOULD PFFER TO THE SEPARATE DEGREE PROGRAM O	TOTAL	COUNT	ECONOMICS APTZONA STATE UNIVERSITY. ARTZONA 10 0 17 RRIFF PROGRAM DESCRIPTION INDUSTRIAL OPG AND PUB POLICY	HIST. PUL FCONOMICS. AND RESEASE	UNIVERSITY OF ARIZONA. ARIZO A S S S S S S S S S S S S S S S S S S	AND TO PROVIDE THE ANALYTICAL TOOLS LITEPATUPE, AND THE CONDUCT OF FCON MUST PREPARE THEMSELVES IN FITHER OF
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	EARNED DEGREES CONFERRED ***** 74-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-79 31 DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	4 5 7 8 2 4 19 . 28 47 O THFORY, WITH SUPPORTING ATTENTION TO QUANTITATIVE METHODS.	8 21 25 12 22 19 40 10 CONOMIC ANALYSTS, ECONOMETRICS, ECONOMIC DEVELOPMENT, ECONOMIC HISTORY, BOR ECONOMICS, MATHEMATICAL FCONOMICS, MONFTARY THEORY, PURLIC FINANCE, RY OF CHOICE, AND URRAN ECONOMICS.	17 28 29 23 28 23 0 0 130 0 130	16 7 4 4 8 3 66 0 66 PUBLIC FINANCE AND TAXATION. LAROR AND INTFRNATIONAL ECONOMICS. ANIZATION. COMPARATIVE ECONOMIC SYSTEMS. CAREERS FOR GRADS. EGES AND UNIVERSITIES. RESFARCH AND ADVISING IN PRIVATE FRES. 3.0 GPA. TWO LETTERS OF PECOMMENDATION. GRE SCORES.	10 34 15 21 15 24 19 DMICS IS DESIGNED TO PREPARE STUDENTS FOR PROFESSIONAL CAREERS IN E FIELDS IN ECONOMICS PROVIDE TRAINING IN THE FOLLOWING AREAS: ECONOMIC DRY, MATHEMATICAL FCONOMICS, STATISTICS & ECONOMETRICS, INDUSTRIAL PORTATION & PURLIC UTILITIES, UPRAN & REGIONAL FCONOMICS, LABOR UT, INTERNATIONAL ECONOMICS, PUBLIC FINANCE, THE HISTORY OF ECONOMICS	FEERS ENOUGH GRADUATE WORK IN ADVANCED ECONOMIC THEORY. MATHEMATICAL ECONOMICS FOR STUDENTS WHO WISH TO PURSUE AN EMPHASIS ON EITHER ONOMICS. THE DEPARTMENT OFFERS ADVANCEDWORK IN PESOURCE ECONOMICS. A AND AND RADICAL-INSTITUTIONAL FCONOMICS. A AND ADMINISTRATION IS ALSO AVAILABLE.
HEGIS CATEGORY: 2200 SOCIAL SCIENCES	NAME OF PROGRAM/ 1973-74 19 INSTITUTION MAST DOCT MAS	ECONOMICS CLARFMONT GRADUATE SCHOOL. CALIFORNIA 3 13 4 8 8RIFF PROGRAM DESCRIPTION STRONG EMPHASIS ON MACRO AND MICRO	FCONOMICS STANFORD UNIVERSITY, CALIFORNIA 27 14 38 21 BRIEF PROGRAW DESCRIPTION ALTERNATIVE APPROACHES TO ECONOMIC INTERNATIONAL ECONOMICS, LABOR ECOI STRUCTURE OF INDUSTRY, THEORY OF CO	ECONOMICS U OF CAL BFRKELEY. CALIFOPNIA 14 25	FCONOMICS U OF CAL DAVIS. CALIFORNIA 9 3 10 1 RRIEF PROGRAM DESCRIPTION ECONOMIC THEORY. MONETARY ECONOMICS. OUANTITATIVE METHODS. INDUSTRIAL OPG. INCLUDE TFACHING AND RESEARCH IN COLI	ECONOMICS U OF CAL LOS ANGELES. CALIFORNIA 19 19 25 10 34 15 BRIEF PROGRAM DESCRIPTION THE GRADUATE PROGRAM IN ECONOMICS IS DESIGNED THAT GRADUATE PROGRAM IN ECONOMICS IS DESIGNED THAT OF THE HISTORY OF THEORY, MATHEMATICAL ORGANIZATION INCLUDING TRANSPORTATION & PUBL ECONOMICS.FCONOMIC DEVELOPMENT.INTERNATIONAL INSTITUTIONS & MONETARY FCON.	ECONOMICS U OF CAL RIVERSIDE. CALIFORNIA 3 5 4 4 5 BRIEF PROGRAM DESCRIPTION THE DEPARTMENT REGULARLY OFFERS ENOUGH G ECONOMICS. AND QUANTATIVE ECONOMICS FOR THEORETICAL OR APPLIED ECONOMICS. THE D MONETARY ECONOMICS. HISTORICAL AND COMPA JOINT FIFLD OF ECONOMICS AND ADMINISTRA
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1975-76 1976- AST DOCT MAST D	4 6 UNF MICROEC N TO QUANTI	28 1 FMENTS FOR	38 10 HODS: URPAN FLOPMENTAL	7 4 N APE PRESE	S A 4 CIFIC IN FCON. CONOMETRICS: I HG. RESEARCH A & BANK. STAT.	9 B NOMETRICS. STONAL ECON
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NAME OF PROGRAM/ INSTITUTION MA	ECONOMICS OF CAL SAN DIEGO. CALIFORNIA 3 0 4 4 6 6 6 7 9 2 60 BRIEF PROGRAM DESCRIPTION THE SPECIALIZATION OF ECONOMICS INCLUDE MICROECONOMICS. MACROECONOMICS. FCONOMETRICS. AND RELATED FIFLDS. THERE IS A STRONG ORIENTATION TO QUANTITATIVE ANALYSIS AND MATHEMATICAL METHODS. ADMISSION REQUIRES RASIC CALCULUS. GRADUATE RECORD EXAMINATION SCORES AND SOME UNDERGRADUATE PREPARATION IN ECONOMICS.	ECONOMICS OF CAL SANTA BARBARA. CALIFORNIA 25 3 17 11 BRIFF PROGRAM DESCRIPTION THERF ARE NO SPECIFIC COURSES REQUIR ARESPECIFIED: 1. ECONOMIC THEORY. 2. WITH DEPARTMENTAL APPROVAL.	ECONOMICS OF SOUTHERN CALIFORNIA, CALIFORNIA 19 5 17 4 BRIEF PROGRAM DESCRIPTION ECONOMIC THEORY AND QUANTITATIVE MET SECTOR FCONOMICS: INTERNATIONAL, DEV ANDADVANCED FCONOMICS: AR IN ECONOMI	ECONOMICS COLOPADO STATE UNIVERSITY. COLOPADO 11 7 15 9 7 4 11 9 10 RRIEF PROGRAM DESCRIPTION FOUR PRIMARY FIELDS OF SPECTALIZATION ARE PRESENTLY EMPHASIZED: ECONOMICS. INTERNATIONAL & DEVELOPMENT ECONOMICS. NATURAL RESOL	ECONOMICS OF HAWAII AT MANOA, HAWAII 11 2 10 6 5 8 4 11 7 4 26 BRIFF PROGRAM DESCRIPTION A REGIONAL EMPHASIS ON ASIA & THE PACIFIC IN FCON. THEORY: DEVELOPMENTAL ECON. DEMOGRAPHY: HUM. RES. ECON., FLONOMETRICS: INT'L. FCON.; PUB. FIN.; PRES. FCON. GRADS ARE PREPAPED FOR TCHG. RESEARCH AND GOVI. PREPERS: GREATERS. FCON. AMACRO-FCON. THEORY, MONEY & BANK., STAT., MATH THRU CALC.	FCONOMICS OF OREGON MAIN CAMPUS, OPFGON 13 11 15 10 9 R 6 R 6 2 43 14 15 10 9 R 6 R 6 P 6 2 13 INCREASE OF SUCH AREAS AS AS INTERNATIONAL THOUSE PEROURCE FCONOMICS, PUBLIC FIN THE STATE OF SUCH AREAS AS INTERNATIONAL FOR TEACHING, AND GOVERNMENT AND PRIVATE PEFFARCH, PPFREQUISITES.
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WICHE DOCTORAL PROGRAM INVENTORY MAY 1979

HEGTS	HEGIS CATEGORY: 2200 SOCIAL SCIFNCES	
HEGTS CODF	***** EARNED DFGREFS CONFERRED ***** S NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1975-77 1977-78 GRADUATE FNPOLLMENT 1977-79 CFILING ON INSTITUTION MAST DOCT MAST DOC	Y CEILING ON LEVEL 'NT REACHFD
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	MATHEM DESCRIPTION LEAGOP FOOLS WITH WHICH TO WORK, STUDENCY LEAGOP FECON, PUB FINDATURAL RES FCON, PROG OBJECTIVE: TO DEVELOP BROAD FXPFRIENCE IN APPLIED RESEARCH LOGETHEP WITH WHICH TO WORK, STUDENTS ADMITTED WITH GRA OF AT LEAST B & MUST DEMONSTRATE COMPETENCY IN ECON THEORY & CHOICES OF APPLIED AREAS, STUDENTS MUST ALSO DEMONSTRATE KNOWLEDGE OFMATHEMATICS IN CALCULUS, LINEAR ALGEBRA & MATHEMATICAL STATISTICS, CAREER: COLLIFGE & UNIV TFACHING, APPLIED RESFARCH.	
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2005	HISTORY ARIZONA STATE UNIVERSITY, APIZONA 17 1 5 1 8 3 9 0 8 1 5 11 16 NO BRIFF PROGRAM DESCRIPTION STUDIES IN UNITED STATES HISTORY, FURORE STACE 1300, LATIN AMERICA, ENGLAND AND THE FMPIRE, FAST ASTA, ONE OR TWO MINOR FIELDS OF STUDY ARE SFLECTED IN ADDITION TO THE MAJOR AREA OF SPECIALIZATION, COURSE WORK IN HISTORIOGRAPHY REGULPED, GRADS ARE PREPARED FOR TEACHING AND PESEARCH POSITIONS AT THE COLLEGE OR UNIVERSITY LEVEL, PREPROS: UNDERGRADUATE MAJOR IN HISTORY OR RELATED FIELD.	N N
	HISTORY UNIVERSITY OF ARTZONA, ARTZONA BRIFF PROGRAM DESCRIPTION STUDENTS SELECT AN AREA OF CONCENTRATION, IF THAT AREA IS THE U.S. OR LAT. AM., THE STUDENT STUDENTS SELECT AN AREA OF CONCENTRATION, IF THE AREA IS THE U.S. OR LAT. AM., THE STUDENT SELECTS GEN'L FLOS & 1 SPEC FLO IN THE AREA, IF THE AREAIS EUROPE OR ASIA, THE STUDENT SELECTS IN THE AREA. ALSO, THE STUDENT WILLSFLECT ? SUPPORTING FLOS OUTSIDE THE MAJOR APEA, 10F WHICH MAY BE OUTSIDE OF HISTORY, STUDENTS MUST DEMON, A POING KNOWLEDGE OF 2 FOR.	Z A
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***		DEMIC MAST	89 10	241 95		c	THEN THEN	c
**** EAPNED DEGREES CONFERRED 1974-75 1975-76 1975-	nocT	IS AN ACAL	61 7	99 137		4	RRIDGES BETWEEN THFOLOGY AND THE ROCESSES. IT IS ASSUMED THAT THE AM IS DESIGNED TO ADVANCE THE STOMETENCE IN HIS OR	4
** EAPNED DEG 1974-75 19	100	ON DEGREF BEEN AWARD E HAVE IND PROFESSIO	~	116		0	RUILDING PREATIVE PRITHE PROGRA	O
*****	, , , ,	TION IN RELIGIO WHO HAVE FON 2399 WE	ONS M. OREGON	113 195		THE ARTS	DENTS IN OF THE C	٥
7 1973-74	MAST DOCT L PROFESSIONS OF THEOLOGY • (AM DESCRIP R OF ARTS STUDENTS RELIGION.	L PPOFESSI RAPTIST SE	130	α	HEOLOGY OF	SSISTS STUDY CRITICS THE FOUND	c
HEGIS CATEGORY: CSUM INECLUMY HEGIS NAME OF PROGRAM/ 19	INSTITUTION MAST DOCT THEOLOGICAL PROFESSIONS ILIFF SCHOOL OF THEOLOGY.	BRIFF PROGRAM DESCRIPTION THF MASTER OF ARTS IN RE INDICATED STUDENTS WHO PETFLO OF RELIGION. ON 27	THEOLOGICAL PPOFESSIONS WESTERN CONS RAPTIST SEM. OREGON 44 1 62	TOTAL	COUNT	RELIGION/THEOLOGY OF THE ARTS GRADUATE THFOL UNION. CALIFORNIA O	PROGRAM ASSISTS STUDENTS IN RUILDING TEACHERS OR CRITICS OF THE CREATIVE AND SOME THEOLOGICAL STUDY, THE PROGIN ONE OF THE FOUNDATIONAL FIELDS AND	TOTAL.
HEGTS HEGTS	CODE			2301		2302		2302

	CEILING LEVEL REACHED	ď Z			N/A	
	MANDATORY CFILING ON FNPOLL YENT	N CNA			NO	
	1977-78 F TOTAL	30 CANONICAL T BIRLICAL ILL IN	e		13 EMFNT AND	13
	GRADUATE ENPOLLMENT 1977-78 Fulletime Part-time total	O 1 2 3 30 JEWISH DAND CANDNICAL. DEUTFROCANONICAL ATHRE OF FARLY ISPAFI. BIRLICAL AND POST BIRLICAL OF PRIMARY TEXTS IS FMPHASIZED. AND SKILL IN	c		1 0 0 1 2 PDORLEMS IN THE FIELD OF FRUCATION. THE STATEMFNT AND RE INFORMFO RY THE STUDENT'S THFOLOGICAL PERSPECTIVE	c
	GRADIJATE E	CANONICAL 1. BIBLICA FMPHASTZE	c		FNUCATION	c
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	1977-78 1977-78 WAST DOCT	D CHRI	~		1 THE S	-
	*** 77)CT	SH AN FOF DRIMA	-		e Zi	c
	DEGREES CONFERRED **** 1975-74 1975-77 1 MAST DOCT MAST DOCT WA	DEWISE JEWIS	c		O RLEMS INFORMFI	c
	S CON	S: TH N L.TH STHIC PRFF	~			-
	DEGREES CI 1975-76 MAST DOCT	1 2 CORPUS: THE SKEROLIND LITER STICAL STHOY	-		O AMARESS (FR MIST	c
	PNFD 75 0CT	LTCALLTCALLTCALLTCALLTCALLTCALLTCALLTCA	~		1 5 TO 5 TO I	_
	**** EADNFD 1974-75 T MAST DOCT	PRITA PE RIP PFS. TH IITY. T	-		SKTILLS	-
	*** 74 0CT	ALIFO 2 TION FNTT IPTHR STIAN	٨		ON ALIFO TION ARCH LEM	~
₩ 90	1973-74 MAST DOCT	NION. C. DESCRIP	^	5	FDUCATT NION. C DESCRIP OF RESF HE PROP	-
HEGIS CATEGORY: 2300 THEOLOGY	NAME OF BROGBAM/ INSTITUTION	GRADUATE THEM. UNION. CALIFORNIA 2 1 2 0 1 2 3 RRIFE PROGRAM DESCRIPTION WHOSE IS NONE IN THE FAITHE RIALICAL CORPUS: THE JEWISH AND CHRISTIAN CANONICAL. DEUTFROCANONICAL WHOSE IS DONE IN THE FAITHE RIALICAL CORPUS: THE JEWISH AND CHRISTIAN STRUCAL AND POST BIRLICAL FYTRA-CANONICAL SCRIPTURES. THE RACKGROUIND LITERATURE OF FARLY ISATE IS FMPHASIZED. AND SKILL IN JUDAISM. FARLY CHRISTIANITY. THE CRITICAL STHOY OF PRIMARY TEXTS IS FMPHASIZED. AND SKILL IN APPROPRIATE LANGUAGES IS AN INDISPENSIBLE PREPREDUISITE.			RELIGION AND FDUCATION GRADUATE THFOL UNION. CALIFORNIA 3 1 1 0 RATEF PROGRAM DESCRIPTION DEVELOPMENT OF RESFARCH SKILLS TO ADDRESS PURSUIT OF THE PRORLEM TO RE STUDIED MUST PEL IGIOUS TRADITION.	
ATFGORY	NAME OF	UGARA UGARA UGARA	TOTAL	COUNT	68 ADU	TOTAL
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HEGTS CODE	**** FARNED DEGREES CONFERRED **** NAME OF PROGRAM/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENPOLLMENT 1977-78 CFILING ON INSTITUTION MAST DOCT MA	CETLING LEVEL REACHFD
2395	SP	A ×
	HRIEF PROBLAGY DESCRIPTION COMBINES THEOLOGY AND THE BEHAVIORAL SCIFNCES (PSYCHOLOGY, SOCIOLOGY, ANTHROPOLOGY) IN A CLINICALLY COMBINES THEOLOGY AND THE BEHAVIORAL SCIFNCES (PSYCHOLOGY, STUDENTS MUST HAVE A FIRST ORIENTED PROGRAM TO PREPARE STUDENTS FOR A COUNSELING MINISTRY, STUDENT HAVE A FIRST PROFESSIONAL THEOLOGICAL DEGREE OR ITS EQUIVALENT (THREE YEARS OF FULL TIME THEOLOGICAL STUDY) AND SUFFICIENT RACKGROUND IN THE REMAVIORAL SCIENCES TO ASSUME GRADUATE WORK IN THESE FIELDS.	
2395	TOTAL	
	COUNT	
2396	RELIGION AND SOCIETY GRADUATE THEOL UNION. CALIFORNIA 1 1 0 1 1 3 0 0 BRIFE PROGRAM DESCRIPTION COMBINES PELIGIOUS ETHICS AND SOCIAL SCIENCES, A CONCENTRATION IN SOCIAL ETHICS ATTENDS TO ETHICAL	A / A
	$-\alpha$ C a	
2396	TOTA1	

HFGTS	HEGIS CATEGORY: 2300 THEOLOGY		
HEGIS	**** EARNED DFGREFS CONFFRRFD **** NAME OF PROGRAM/ 1973-74 1974-75 1975-77 1977-78 GRADUATF ENROLLMFNT 1977-78 CHINSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT PULL-TIME PART-TIME TOTAL FI	MANDATORY CEILING ON ENPOLLMENT	CEILING LFVFL REACHFD
2197	GRADUATE THEOL UNION. CALIFORNIA 1 1 1 2 2 2 43	02	N/A
	EMPHASIZES CONCENTRATIONS IN THE REFORMATION PERIOD AND IN AMERICAN THFOLOGY AND RFLIGIOUS HISTORY ALTHOUGH OTHER AREAS IN THE HISTORY OF THFOLOGY ANDCHURCH HISTORY MAY RE DEVELORED BY THE STUDENT.		
2397	TOTAL 2 3 1 1 1 1 2 2 0 0 43		
	COUNT		
239A	NEAR EASTERN RELIGIONS GRADUATE THEOL UNION, CALIFORNIA 0 0 0 0 0 0 2	ON CO	Z/A
	BRIEF PROGRAM DESCRIPTION THE UNIVERSITY OF CALIFORNIA. BFRKFLFY. AND THE GTU OFFFR A UNIQUE JOINT PH.D. PROGRAM WHICH PROBES IN DEPTH THE ARCHAELOGY. HISTORY. LANGUAGES. LITERATURES AND THOUGHT PATTERNS OF THE CULTUPES OF THE ANCIENT NEAR EAST AND FGYPT. WITH EMPHASIS ON THE VAPIOUS FORMS OF PF! (GTOUS EXPRESSION INDIGENOUSTO THEM.	S HE TO	
239A	TOTAL		
	2 0 0 2 0 0 0 0 0 0 2		
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2399	OTHER THEOLOGICAL SFM, CALIFORNIA FULLER THEOLOGICAL SFM, CALIFORNIA 0 0 0 0 0 0 0	o Z	N/A

HEGIS CATEGORY: 2300 THEOLOGY

HEGTS	MAN **** EARNED DFGREFS CONFERRED **** NAME OF PROGRAW/ 1973-74 1974-75 1975-76 1975-77 1977-78 GRADUATE ENROLLMFNT 1977-78 CF1 INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FILL FILL TIME PART-TIME TOTAL FUR	MANDATORY CFILING ON FNROLLMENT	CETLING LEVEL PEACHED
5399	GRADUATE THFOL UNION, CALIFORNIA GRADUATE THFOL UNION, CALIFORNIA O 0 2 4 0 1 1 BRIFF PROGRAM DESCRIPTION EMPHASIZES THE INTERCULTURAL AND INTERDISCIPLINARY STUDY OF THE EXPERIENCE OF RELIGIOUS PHENOMENA. FIELDS OF CONCENTRATION INCLUDE NON-WESTFRN RELIGIOUS TRADITIONS, CHRISTIAN SPIRITUALITY, AMFRICAN RELIGIOUS CONSCIOUSNESS, THE PHENOMENOLOGICAL METHOD, AND INTER-CULTURAL THEMES SUCH AS MYSTICISM, MYTH. SYMBOL, RITUAL, SCRIPTURE AND SOCIAL VISION, PADUATE WORK IN THESE FIFEDS.ND OTHER RELATED DISCIPLINES.	C Z	2
	OTHER THFOLOGY SCH OF THEO AT CLAREMONT. CALIFORNIA 4 6 18 6 13 2 9 6 BRIEF PROGRAM DESCRIPTION TO EDUCATE STUDENTS WITH UNUSUAL PPOMISE AND ACADEMIC ARTLITY FOR TFACHING IN COLLEGF OF THEOLOGICAL SCHOOLS AND FOR PROFESSIONAL LEADERSHIP IN THE CHURCH AND SOCIETY. PREFECUIS FOR ADMISSION: MASTEROF DIVINITY/DOCTOR OF MINISTRY DEGREE OR FOULVALENT OFGREF. GRF SCOPES.	YES AL OF	YES
	OTHER THFOLOGY. COLOPADO LLIFF SCHONL OF THFOLOGY. COLOPADO 0 1 0 2 0 1 0 4	O Z	Z
	COUNSELING AND PASTORAL PSYCHOLOGY WESTERN CONS RAPIST SEM. OREGON 0 0 0 0 0 0 15	YES	YES
2399	TOTAL 6 7 12 12 19 10 17 3 10 11 0 0 44		
	COLINT		
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CATFG	CATFGODY TOTAL 142 133 210 134 219 156 261 103 279 108 854 660 1790		

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MANDATORY CFILING ON FNPOLLMENT

WICHE DOCTORAL PROGRAM INVENTORY

HEGTS CATFGORY: 2300 THFOLOGY

***** EARNED DEGREES CONFERRED *****
1973-74 1974-75 1975-76 1977-77 1977-78 GRADUATE ENROLLMENT 1977-78
MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL NAME OF PROGRAM/ INSTITUTION HEGTS CODE

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GPANUATE FNROLLMENT 1977-79 FIILL-TIME PART-TIME TOTAL	FRS GRADUATE PROGRAMS LEADING TO THE MASTER OF ARTS, MASTER NEGREYS. GRADUATE PROGRAMS IN THE DEPARTMENT ARE BROAD. NATURE. MAJOR CURRICULAIN RIOLOGICAL SCIENCE, PHYSICAL SCIENCE. BOTH MASTER'S AND DOCTORAL DEGREE LEVELS. ONLY MASTER'S DEGREES.		α		DEGREE ARE GRANTED JOINTLY STUDIES.	4 0 6 5 1 STATES. INCLUDING DOMINANT AND MINODITY CULTURES AND THEIR PESSIVE FORMS OF CULTURE (LITERATURE, RELIGION, MYTH, AND THE SOCIAL SCIENCES), ADMISSION PROUTEMENTS: APPROPRIATE TEST. NOTE: COMPARATIVE CULTURE EXCLUDES MAT DEGREES.
GPANUATE F	STATE UNIVERSITY, OREGON STATE UNIVERSITY, OREGON 6 2 710 2 5 4 3 3 10 3 25 8 PROGRAM DESCRIPTION DEPARTMENT OF GENERAL SCIENCE OFFERS GRADUATE PROGRAMS LEADING TO THE MASTER OF STENCE, AND DOCTOP OF PHILOSOPHY DEGREES, GRADUATE PROGRAMS IN THE DEPARTMENT ARE GRATED, AND INTERDISCIPLINARY IN NATURE, MAJOR CURRICULAIN RIOLOGICAL SCIENCE, PH RADIATION BIOLOGY ARE OFFERED AS BOTH MASTER'S AND DOCTORAL DEGREE LEVELS, ONLY A AVAILABLE IN HISTORY OF SCIENCE AND RADIOLOGICAL HEALTH.		25		DEGDEF ARE	NN MINOBI
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1973-74 MAST DOCT	TTY. F GEN OCTOR TNTER OLOGY HIST	0 •	v.	۸	CALI 0 PIPTI NTS P AS OF	IFORN O CULT H FMP
	VERS NT OO DO	CENT		•	TTY.	CAL CAL OESCI THE WITI
NAME OF PROGRAM/ INSTITUTION	GENERAL SCIFNCE ORFGON STATE UNIVERSITY, ORFGON 6 2 710 2 5 4 3 3 10 3 25 8 RRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF GENERAL SCIENCE OFFERS GRADUATE PROGRAMS LEADING TO THE MASTER OF ARTS, OFSCIENCE, AND DOCTOR OF PHILOSOPHY DEGREFS, GRADUATE PROGRAMS IN THE DEPARTMENT ARE BROAD, INTEGRATED, AND INTERDISCIPLINARY IN NATURE, MAJOR CURRICULAIN RIOLOGICAL SCIENCF, PHYSICAL AND RADIATION BIOLOGY ARE OFFERED AS BOTH MASTER'S AND DOCTORAL DEGREF LEVELS, ONLY MASTERP ARE AVAILABLE IN HISTORY OF SCIENCE AND RADIOLOGICAL HEALTH.	BIO AND PHY SCI OREGON GRADUATE CENTER. OREGON	T07AL	COUNT	HUMANITIFS STANFORD UNIVERSITY. CALIFORNIA 0 1 0 0 0 2 BRIFF PROGRAM DESCRIPTION PROGRAM SUPPLEMENTS PH.D. PROGRAMS IN OTHER ACADEMIC OFPARTMENTS. ARFAS OF STUDY INCLUDE AMERICAN STUDIES	COMPAPATIVE CULTUPE U OF CAL IPVINE. CALIFORNIA 0 3 0 4 0 6 5 1 RRIFE PROGRAM DESCRIPTION FOCUSES UPON THE CULTURES OF THE UNITED STATES. INCLUDING DOMINANT AND MINOPITY CULTURES AND THE ANTECEDENTS, WITH FMPHASIS UPON THE FXPRESSIVE FORMS OF CULTURE (LITEPATURE, RELIGION. MYTH, AND THEARTS) AND SOCIAL INQUIRY (HISTORY AND THE SOCIAL SCIENCES). ADMISSION REDUREMENTS: APPROPRIA UNDERGRADUATE PREPARATION: GRE APTITUDE TEST. NOTE: COMPARATIVE CULTURE FXCIUDES MAT DEGREES.
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HEGTS CODE	**** EARNED DFGREES CONFERRED **** GIS NAME OF PROGRAW/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-79 ODF INSTITUTION MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	UT 1977-78 IME TOTAL	MANDATORY CFILING ON FWROLLMFNT	CEILING LEVEL PEACHED
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	HRIFF PROGRAM DESCRIPTION INTERNISCIPLINARY DOCTORATE DESIGNED TO PRODUCE TFACHING AND RESEARCH CAPABILITY IN THE HISTORIES INTERNISCIPLINARY DOCTORATE DESIGNED TO PRODUCE TFACHING AND REFERMENT THER PRESENT INTERCEDENTS. EMPHASES INCLUDE SCIENTIFIC ANALYSIS OF EVENTS AS WELL AS THE STUDY OF AFSTHETIC REACTIONS TO THEM. PRINCIPAL FIELDS: COLONIAL LATIN AMFDICAN HISTORY. MODERN AND CONTEMPORARY (ATIN AMERICAN HISTORY. SPANISH AMERICAN LITERATURE AND LUSO-AMFRICAN LITERATURE.	IN THE HISTORIES IN ANTECEDENTS. REACTIONS TO THEM AMERICAN HISTORY.	, E	
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	BRIEF PROGRAM DESCRIPTION AN EMERGING FIELD OF APPLIFD ECONOMICS ENCOMPASSING THE INTERFACE OF WINERAL'S ENGINEFRING AND FARTH SCIENCE WITH THE RUSINESS OF MINERAL PRODUCTION AND THE WELFARE OF SOCIETY.	ING AND FAR	HE	
	ENVIRONMENTAL SCIENCE AND ENGINEERING U OF CAL LOS ANGFLES. CALIFORNIA 0 4 0 2 0 6 0 8	4	O Z	N/A
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NAME OF PROSRAM/ 10	MAN	1973-74 MAST DOCT	P		MASS.	1975-76 MAST DOCT	7	1976-77	1977-78 MAST DOCT	7-78 DOCT	GRADUATE F	2	PART-TIME TOTAL	77-78 TOTAL	CETLING ON FUROLLMENT	CETLING LEVEL . PEACHED
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SYSTEMS SCIFNCE O 1 0 0 0 1 3 0 2 18 RRIFF PROGRAM DESCRIPTION DESIGN AND MANAGEMENT OF COMPLEX SYSTEMS: DISCIPLINARY CONCENTRATIONS IN MANAGEMENT. POLICY. FINGINEERING. OR MATHEMATICS, IN-DEPTH TRAINING IN METHODOLOGICAL TECHNIQUES. PREPARATION FOR EMPLOYMENT IN INDUSTRIAL. GOVERNMENTAL, RESEARCH. AND PURLIC SERVICE	NCE UNIVE NANAC FOR	CRIPTI SEMENT SING, FMPLO	OREG OF CO OF MAT	ON 1 WPLEX HEMATTI	SYSTER CS. IN	MS: DI	SCIPLIN H TRAIN	S VARY C VING 1	ONCENT N METH RESEAR	PATION OCH. A	18 NS TN N GICAL I	14 ANAGEMENT: "ECHNIQUES." "IC SERVICE		32 ECONOMIC CAREFR ORGANI7ATIONS.	NO Si	4
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CATEGORY: 4900 INTERDISCIPLINARY STUDIES **** EARNED DEGREES CONFERPED **** NAWE OF PROGRAW/ 1973-74 1974-75 1975-76 1976-77 1977-78 GRADUATE ENROLLMENT 1977-78 INSTITUTION MAST DOCT MAST DOCT MAST DOCT FULL-TIME PART-TIME TOTAL	OTHER INTERDISC STUDIES U OF ALASKA FAIRBANKS, ALASKA 0 1 0 0 7 10 17 RRIFF PROGRAM DESCRIPTION OPPOSTUNITY IS PROVIDED FOR STUDENTS WITH WELL DEFINED GOALS TO PUPSUF A DOCTORAL PROGRAM IN AN IN WHICH THERE IS NOT AN ESTABLISHED PH.D. DFGREE OR IN A PROGRAM WHICH INCLUDES SEVERAL DISCIPLINES.	ARID LANDS RESOURCE SCIENCES UNIVERSITY OF ARIZONA. ARIZONA 1 0 0 0 2 1 3 BRIFF PROGRAM DESCRIPTION THE PROGRAM INCLUDES SPFCIAL INTERDISCIPLINARY CONCENTRATIONS COMBINING ASPFCTS OF THE BIOLOGICAL. PHYSICAL. AND SOCIAL SCIENCES. THIS IS AVAILABLE FOR ADVANCED STUDENTS WITH PROMISING RESEARCH PROJECTS AND STRONG INTERESTS IN ARID LANDS.	GRADUATE DIVISION SPECIAL PROGRAMS STANFORD UNIVERSITY. CALIFORNIA 0 0 0 0 0 0 12 RRIEF PROGRAM DESCRIPTION INDIVIDUAL CURRICULA FOR STUDENTS WHOSE STUDY PLANS DO NOT FALL WITHIN THE PROVINCE OF ANY ONE DEPARTMENT.	SOCIAL ECOLOGY U OF CAL IRVINE. CALIFORNIA O 0 24 0 30 0 44 28 72 BRIEF PROGRAM DESCRIPTION FMPHASIZES THE STUDY OF CONTEMPORARY PROBLEMS FROM THE PERSPECTIVE OF A MULTI-DISCIPLINARY FACULTY (COMMUNITY, FNVIRONMENTAL, SOCIAL & DEVELOPMENTAL PSYCHOLOGY: PLANNING: LAW: POLITICAL SCIFNCE: SOCIALOGY: CPIMINOLOGY: FNVIRONMENTAL HFALTH: ECOLOGY: BIOLOGY: PROFRATION FOR ACADEMIC OR RESEARCH CAREERS IN THE DEVELOPMENT OF ADMINISTRATION OF COMMUNITY SERVICE PROGRAMS.	INDIVIDUAL PH.D. U OF CAL LOS ANGELES. CALIFORNIA O 0 0 0 9 RRIEF PROGRAM DESCRIPTION THE INDIVIDUAL PH.D. PROGRAM HAS BEEN ESTABLISHED TO ALLOW SUPERIOR STUDEN'S TO PURSUE WELL-DFFINED. SCHOLARLY. COHERENT PROGRAMS THAT CANNOT BE CARRIED OUT WITHIN ANY EXISTING DOCTORAL PROGRAM ON ANY CAMPUS OF THE UNIVERSITY OF CALIFORNIA.	MEDICAL ANTHROPOLOGY U CAL SAN FRISCO MEDL CTP. CALIFORNIA U CAL SAN FRISCO MEDL CTP. CALIFORNIA O 0 0 0 17 BRIEF PROGRAM DESCRIPTION THE MAJOR OBJECTIVE OF THE PROGRAM IS TO TRAIN STUDENTS IN THE NATUPE & OPERATION OF THE MFDICAL WORLD & ON THE PLACE OF THE SOCIAL SCIENCES (SPECIFICALLY. ANTHROPOLOGY) IN IT: AND ON HOW ONE SEENFRS. EXPERTISE AS A SOCIAL SCIENTIST CAN RE PROUGHT TO REAR ON THE PRORLEMS THAT ARISE IN SUCH SETTINGS. THE FWPHASIS HERE IS ON PREPARING STUDENTS FOR CARFERS IN RESEARCH. TFACHING & SFRVICE. EMPHASIPING ANTHROPOLOGICAL PERSPECTIVES ON HEALTH-RFLATED ISSUES.
HEGTS CODE	6667					

HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

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PART-TIME	N	SIS & (2)SOCTAL VFLL AS ACADEMI MACRO-SOCIOLOG ANGES ARE LIMIT	AMS LEADIN STS AS AN C ESOUPCES OF	16 ATHEMATICS PLANNING: SS. SOCIAL	0 S OF PUBLIC VSISTS OF 1
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1977-78 MAST DOCT	0	16 CONOMY ID TO N IS FIEL	13 URSUE PHE UNI PHE USE	BIOLOG	O O O O 7 APPLICATION OF SYSTEMATIC METHODS & NATIONAL SECURITY AFFAIRS. THE
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NAME OF PROGPAM/ INSTITUTION	OTHER INTERDISC STUDIES OF CAL SANTA BARBARA, CAL OFFICE O	INTERDISCIPL OF CAL SANTA PROGRAM FOC MOVEMENTS & STUDENTS US PROCESSES.	ED. CHANGE AND DEVELOR NORTHERN COLORADO. 3 RIFE PROGRAM DESCRIFT THE ED.D. IN SECD DEGREE WHICH DOES FOR THOSESTUDENTS WHO UNIVERSITY. THE PROGSTATE. AND NATION.	OTHER INTERDISC STUDIES VERSITY OF WASHINGTON. 19 19 19 11 11 11 11 11 11 11 11 11 11	POLICY ANALY ID GRAD INST RIEF PROGRAM POLICY ANAL CHOICE IN D SEGMENTS: C
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PROJECTS OF THE RAND CORPORATION. ADMISSION REQUIREMENTS INCLUDE A MASTER'S DEGREE OR TRAINING OR EXPERIENCE EQUIVALENT TO A POSTBACHELOR'S DEGREE & RELEVANT TO ADVANCED WORK AT THE RAND GRADUATE INSTITUTE.

	CEILING LEVEL REACHED					
	MANDATORY CFILING ON I					
	977-78 TOTAL	302			655	
	GPADUATE ENROLLMENT 1977-79 FULL-TIME PART-TIME TOTAL	57			80	
	GPADUATE E FULL-TIME	181			624	
	-78 00CT	36			50	
	1977-78 MAST DOCT	65			4	
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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES	NAME OF PROGRAM/ INSTITUTION	TOTAL	COUNT		CATEGORY TOTAL	COUNT
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